

Product Guide

- Formwork Treatments and Concreting Products
- Concrete Repairs
- Protective Coatings
- Grouts and Anchoring
- Joint Fillers and Sealants
- Waterproofing and Damp Proofing
- Flooring
- Urban Landscaping
- Accessories and Consumables
- Passive Fire Protection

Edition 1





Welcome to the Kestral Product Guide

Established in 1999 and with over 70 years experience in the construction industry and now part of the Multi-national group Miers Construction Products, Kestral are distributors of one of the largest building product ranges in the UK. This enables us to offer a wide range of well over 1000 products from all the major manufacturers at competitive rates, providing you with the reliability and quality you need to have confidence in using these products. Accompanied with our own transport for next day deliveries, makes Kestral one of the leading distributors in the UK.

With our areas of technical expertise we can deal with specifiers, buyers and contract applicators to helping deliver your projects on time, on budget and on specification.



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Formwork Treatments and Concreting Products



Kestral Construction Products offer a wide and comprehensive range of formwork and treatment chemicals for the civil engineering and precast sectors of the concrete construction market.

Our range includes Concrete Release Agents, Mould Oils, Curing Agents, Concrete Retarder and Repair Cement.



■ Fosroc® Supercast CWA

Supercast Crystalline Watertight Additive is designed for use as an integral waterproofing admixture for ready mixed concrete. It is based on a blend of Portland cement and selected active additives, supplied as a grey chloride-free powder. Supplied, pre-weighed in water soluble bags, for easy dispensing.



- Reduces porosity and permeability
- Promotes self-healing of static cracks up to 0.4mm
- Suitable for structures subjected to sustained hydrostatic pressure
- Increases water and corrosion resistance
- Chloride free. Ideal for concrete containing embedded steel
- BBA accredited
- Can form part of a complete waterproofing solution with the Fosroc range of membranes and drained cavity systems

Usage

- For watertight concrete above or below ground
- Concrete for liquid retaining / excluding structures
- Concrete for aggressive exposure classes

Yield (per bag)	Container Size
1m ³ of concrete	6 x 4.1Kg bags



■ Fosroc® Supercast WCP

Supercast Watertight Concrete Powder is designed for use as an integral water resisting admixture for ready mixed concrete. It is based on a unique blend of fatty acid salts and hydrophobic materials, supplied as a white chloride-free powder. Supercast Watertight Concrete Powder is supplied, pre-weighed in water soluble bags, for easy dispensing.



- Reduces porosity and permeability
- Reduces diffusion coefficient
- Increases water resistance and corrosion resistance
- Chloride free. Ideal for concrete containing embedded steel
- BBA accredited
- Can form part of a complete waterproofing solution with the Fosroc range of membranes and drained cavity systems

Usage

- For watertight concrete above or below ground
- Concrete for liquid retaining / excluding structures
- Concrete for aggressive exposure classes

Yield (per bag)	Container Size
1m ³ of concrete	6 x 1.95Kg bags



■ Fosroc® Cebex 100

Cebex 100 is supplied as a powder admixture. A combination of a plasticising agent and a gas producing expansion medium. The plasticising agent allows a reduced water/cement ratio with consequent increased strengths and durability.



- High grout fluidity with low water/cement ratio makes placement or injection of the grout easy
- No metallic iron content to corrode and cause staining
- High early strength development in grouts, without the use of chlorides

Usage

- Bed and duct grouting, non-shrink infilling and jointing

Yield (per tub)	Tub Size
25kg of cement	0.227Kg



■ Fosroc® Cebex 250

Cebex 250 underwater grouting admixture is supplied as a ready to use, chloride-free white powder. When added to the grout, the Cebex 250 produces a gel in the water phase which surrounds the cement particles and protects them from washout. Cement hydration is not impaired by the use of this admixture.



- Minimises the risk of washout of cement from grouts during placing under water

Usage

- Anti-washout grouting admixture

Dosage (by weight of cement)	Bag Size
0.05 to 0.2%	1Kg



■ Fosroc® Cebex 311

Highly efficient set retarding admixture suitable for ready mix and pre-cast concrete.

Chloride free, plasticising & retarding, ready to use aqueous solution based on a blend of organic compounds. Used where a controlled extension of the concrete's setting time is required.



- Provides > 4% water reduction when dosed > 0.25% by weight of cement / cementitious content
- Increases compressive strengths and reduces permeability
- Provides controlled extension of setting times to accommodate long haul times, or facilitate placement and finishing during hot weather concreting
- Safe to use in pre stressed and reinforced concrete

Usage

- High temperatures
- Large volume pours
- Difficult placing conditions
- Long hauls
- Re-vibrated concrete
- Avoidance of cold joints

Dosage (100kg of cement)	Container Size
0.2% to 2%	1000ltr



■ Fosroc® Auramol H15

Auramol H15 is a specially formulated synthetic-based mould oil, having release properties which are superior to those of conventional mould oil.

Auramol H15 allows trapped air, to escape from the surface during placing and vibration. This air release property minimises surface blemishes and results in a substantial reduction in remedial costs.



- Biodegradable
- Used for all types of formwork
- Use in both 'wet' and 'dry' concrete processes
- Easily sprayed, non staining
- Very economical coverage rates
- Mobile at low temperatures
- Can be used with white cement

Usage

- Quick, clean & easy stripping of moulds and formwork
- High quality fair faced and stain free concrete surface finishes

Coverage (per litre)	Container Size
20-60m ²	1000ltr



■ Fosroc® Cebex 705

Cebex 705 multifunctional air entraining admixture is chloride-free and specifically designed for use with retarded mortar. It is supplied as a clear liquid which instantly disperses in water.

Cebex 705 entrains a controlled quantity of small air bubbles which impart cohesion and workability to a mortar and improves its durability when set.



- Produces a highly stable entrained air system
- Increased resistance of mortars and concrete to attack by frost and de-icing salts
- Improves trowelling properties
- Increases mortar yield
- Suitable for use in lime-containing and lime-free mixes

Usage

- In conjunction with Cebex retarding admixtures to produce a pre-mixed retarded mortar with a usable life of up to two working days

Dosage (100kg of cement)	Container Size
0.30 to 1.00ltr	1000ltr



■ Fosroc® Concure WB

Concure WB used for spraying on freshly cast concrete, or newly exposed concrete surfaces after removal of formwork. Forms a temporary membrane which will retain sufficient moisture for effective curing to take place.



- Single application
- No other curing necessary
- Reliable curing ensuring cement hydrates efficiently
- Hard-wearing surface minimises risk of drying shrinkage, cracks and dusty surfaces
- Easy and safe spray application
- Non-toxic and non-flammable

Usage

- Large concrete areas, pavements, runways and bridge decks
- Chimneys, canal linings, columns and beams

Coverage (per litre)	Container Size
3.5 to 5.0m ²	20ltr



Formwork Treatments and Concreting Products

Fosroc® Cure B

Fosroc Cure B, water based, high efficiency (90%) curing, temporary membrane for retaining moisture in freshly placed concrete.

Gives reduced shrinkage and cracking and creates a more durable, hard wearing surface.

- Single spray on application
- Achieves 90% curing efficiency when tested to BS EN 7542:1992
- Reliable curing ensuring cement hydrates efficiently
- Hard-wearing dustproof surface, minimises risk of drying shrinkage, cracks and dusty surfaces
- Non-toxic and non-flammable
- No other curing necessary
- Degrades naturally over time

Usage

- All general concreting applications, large areas, roads, runways and bridge works



Coverage (per litre)	Container Size
4.6m ²	20ltr

Fosroc® Acid Etch

Fosroc Acid Etch is a concrete remover, cleaning and etching agent. It is a combination of acid based material, corrosion inhibitors and dispersing agents and is supplied as a clear green solution.

- Rapid concrete etching action
- No corrosive action with glass, plastic and rubber
- Cleans hardened concrete from tools and mechanical equipment

Usage

- Removal of mortar and plaster runs, droppings and stains from brickwork and concrete surfaces
- Also tools machinery and equipment



Container Size
25ltr

Fosroc® Resivit

Resivit is a liquid admixture which is added to mortars and concrete during production in order to accelerate their setting and hardening to quickly attain increased mechanical resistance.

- Offsetting the delaying effect of low temperatures on setting and strength gain
- If used in conjunction with superplasticisers the combination of early set and strength gains achieved can enable double casting in a single shift
- Reduced risk of damage to fresh concrete from freezing
- Chloride free
- Efficiency of Resivit is particularly useful where fast stripping of the moulds is required



Usage

- Accelerates the stiffening and early strength gain of Portland cement concretes and mortars in cold weather



Dosage (100kg of cement)	Container Size
0.50 to 3.00ltr	1000ltr



Concrete Repairs

Modern concrete structures have not proved to be as durable as once thought, bringing a legacy of maintenance to ensure that they remain serviceable and capable of achieving their design life. Even structures such as bridges and tunnels, built to modern standards with high strength concrete, are not immune to deterioration in our increasingly aggressive environment. Kestral can offer advanced systems that provide solutions for today's concrete repair problems.

Kestral continues to offer an ever widening range of innovative products, including repair mortars suitable for application by hand, pouring, or spray techniques, high performance decorative anti-carbonation coatings and waterproof, anti-corrosion coatings for both steel and concrete.

Comprehensive stock

Competitive prices

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Nationwide Depots



Concrete Repairs

■ ARDEX A 45

ARDEX ARDURAPID A 45 is a rapid drying and hardening, slump free mortar for internal repairs.

- Receives finishes after 90 minutes regardless of thickness
- ARDEX Levelling and Smoothing Compounds can be applied immediately
- Slump free – ideal for vertical and horizontal repairs
- Suitable for use on heated concrete and screeds



Usage

- Internal concrete, screeds, renders and concrete steps, forming ramps, falls and coves, patching around fittings/pipework, and filling cracks and gaps

Coverage (1mm thickness)	Sizes
7m ² (11kg bag)	11kg Bag 11kg Container



■ ARDEX F 5

ARDEX F 5 is a brilliant white, cementitious, MICROTEC Fibre Reinforced Fairing Coat and Lightweight Repair Mortar.

- Apply paints and other finishes the next day
- Can be used in areas subject to damp or at risk from water ingress
- Vertical and overhead repair, from feather edge to 50mm
- No priming required
- Extended working time of 30 minutes
- Slump free and easy to apply
- Internal and external use



Usage

- Edge repairs, filling cavities, cracks, gaps and holes

Coverage (1mm thickness)	Bag Sizes
27m ²	5kg and 25kg



■ ARDEX A 46

ARDEX A 46 is a rapid concrete repair mortar which is ideal for external and internal use. The polymer-modified mortar sets and hardens fast to give a repair of high performance, strength and hardness with a smooth paintable finish.

- Sets within 30 minutes
- Slump free – ideal for wall and floor repairs
- Apply from 2mm to 50mm thick
- For internal and external use
- Easy to smooth and float
- Shrinkage compensated, and crack free

Usage

- Damaged concrete, repairing bug holes, gaps, damaged stair nosings, wall edges, filling tie bolt holes, filling cracks, soffit repair and building ramps and falls

Coverage (2mm thickness)	Sizes
4m ² (11kg bag)	11kg Bag 5kg Container



■ ARDEX A 125

ARDEX A 125 Fairing Coat and Fine Repair Mortar for walls and ceilings. Dries to a hard wearing, weather resistant finish, with a smooth, dense surface.

- Ideal skim coat for wall and ceiling rendering
- Vertical and overhead repair apply up to 5mm thick
- Ready to receive decorative finishes the next day
- Extended pot life of 4 hours
- Water and weather resistant
- Can be spray applied
- Suitable for internal and external locations

Usage

- Concrete, blockwork, sand renders and brickwork

Coverage (3mm thickness)	Bag Size
5m ²	22kg



■ Flexcrete Bonding Bridge 842

Designed to enhance the bond between high porosity concrete and Flexcrete Repair Mortars. It further increases the adhesion of Flexcrete Repair Mortars and prevents rapid drying at the concrete interface on porous backgrounds with high suction.

Yield	Bag Size
13.3ltr	5kg



■ Flexcrete Marine Mortar S

Marine Mortar S for general purpose structural repairs in marine and tidal areas (BBA).

- Thixotropic, fibre reinforced, polymer modified, cementitious mortar
- Applied by float, hand or trowel in both vertical and horizontal situations
- Thickness 5 - 50mm
- Low shrinkage and high bond strength
- Fibre reinforced to improve tensile and impact strength, stronger than concrete
- Excellent protection against the ingress of acid gases, moisture and chlorides
- Excellent resistance to wash-out soon after application
- Non toxic when cured

Usage

- Marine and tidal areas which are subject to early immersion

Yield	Bag Size
14ltr	25kg



Comprehensive stock

Competitive prices

Call your local depot

Concrete Repairs

■ Flexcrete Fastfill

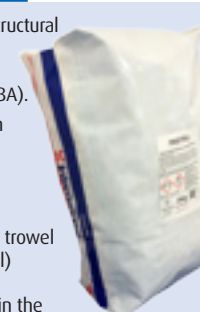
Fastfill Class R4 rapid setting structural concrete repair mortar. Can be bulked out in deep sections (EN1504-03, DWI 31, WRAS, BBA).

- Reliable setting and strength even at low temperatures
- High bond strength exceeds tensile strength of concrete
- Sets in 10 minutes at 20°C
- Application by float, hand or trowel
- Thickness 5 - 50mm (vertical) 5 - 100mm (pockets)
- Non-toxic when cured used in the supply of drinking water
- Ideally suited for sewage and wastewater applications
- Economic mortar requiring no substrate or inter-layer priming. Part bags can be mixed

Usage

- Repair of concrete which cannot be taken out of service for long periods, or in areas subjected to heavy wear such as roads, runways, bridges, decks, floors and paths

Yield	Bag Size
13.3ltr	25kg



■ Flexcrete Monolite

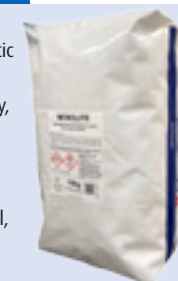
Monolite Class R2 lightweight concrete repair mortar for cosmetic repairs (EN1504-3).

- Latest proven cement chemistry, microsilica, fibre and styrene acrylic copolymer technology
- Application by float, hand or trowel
- Thickness 5 - 100mm in vertical, horizontal and overhead situations
- High bond strength
- Requires no substrate or inter-layer priming
- Easily overcoated with specialist membranes

Usage

- Lightweight repair, rendering and profiling of concrete, brick or stone substrates

Yield	Bag Size
16.7ltr	18kg



Flexcrete Monomix HD

Monomix HD Class R4 high strength, waterproof, structural repair mortar with good abrasion resistance for trafficked areas (EN1504-3).

- Latest proven cement chemistry, microsilica, fibre and styrene acrylic copolymer technology
- Application by float, hand or trowel
- Thickness 5 - 80mm in vertical, horizontal and overhead situations
- High bond strength exceeds tensile strength of concrete
- Economic mortar generally requiring no substrate or inter-layer priming
- Easily overcoated with specialist membranes

Usage

- Structural repair, rendering and profiling of vertical, overhead and horizontal surfaces including trafficked areas



Yield	Bag Size
13.1ltr	25kg



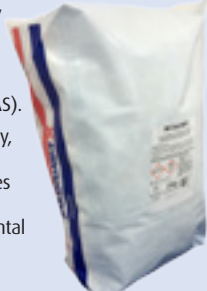
Flexcrete Monomix

Monomix Class R3 low density waterproof concrete repair mortar for general purpose, structural repairs (EN1504-3, DWI 31, BBA, WRAS).

- Rapid hardening, low density, high strength mortar with enhanced polymer properties
- Application by float, hand or trowel vertical, for horizontal and overhead surfaces
- Thickness 5 - 80mm
- High bond strength exceeds tensile strength of concrete
- Non-toxic when cured used in the supply of drinking water
- Easily overcoated with specialist membranes

Usage

- Waterproof mortar for structural repair, rendering and profiling



Yield	Bag Size
16.7ltr	25kg



Flexcrete Monomix WS

Monomix WS Class R3 modified Monomix used to allow wet spray application. Waterproof and low density concrete repair mortar (EN1504-3, DWI 31, BBA, WRAS).

- Latest proven cement chemistry, microsilica, fibre and styrene acrylic copolymer technology
- Application by wet spray
- Thickness 5 - 80mm
- Low permeability to water, even at 10 bar pressure, and high diffusion resistance to acid gases and chloride ions
- Economic mortar generally requiring no substrate or inter-layer priming
- Non-toxic when cured used in the supply of drinking water
- Easily overcoated with specialist membranes

Usage

- Wet process spraying techniques for the structural repair, rendering and profiling of vertical, horizontal and overhead surfaces



Usage

- Corrosion preventative, flexible coating to protect steel reinforcement prior to the application of the relevant Flexcrete concrete repair mortars

Yield	Tub Size
2.6ltr	5kg



Flexcrete Tiefill

Tiefill Class R4 rapid curing mortar for the filling of tie-holes formed by formwork bolts (EN1504-3, WRAS).

- Latest proven cement chemistry, polymer and fibre technology
- Application by Float, Hand or Trowel
- High bond strength exceeds tensile strength of concrete
- Sets in 30 minutes at 20°C
- Waterproof seal
- Thickness 5 - 50mm
- Rapid curing, high early strength
- Protection from acid gases, moisture ingress and chlorides
- Non-toxic when cured, used in the supply of drinking water

Usage

- Rapid filling of tie-holes formed by formwork bolts in new construction
- Used for sealing grout holes and voids around fixings in pre-cast elements

Yield	Pack Size
4.1ltr	8kg

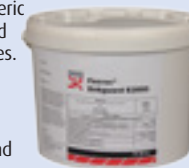


Fosroc® Dekguard E2000

Crack-accommodating elastomeric protective coating for reinforced concrete and masonry structures.

Protection for atmospherically exposed reinforced concrete structures from attack by acid gases, chloride ions, oxygen and water, especially where there is a danger of subsequent cracks appearing within the substrate.

- Can accommodate substrate movement of up to 0.3mm
- Special acrylic polymer minimises dirt retention
- Allows water vapour to escape from the structure
- Resistant to the effects of ultra-violet light
- Water-based
- Range of decorative colours



Usage

- All types of structures, including those in coastal environments, for new and existing structures

Coverage (per litre)	Tub Size
2.5m ²	10ltr



Flexcrete Unimatch

Unimatch Class R1 Rapid setting concrete repair mortar for structural repairs to in-situ and pre-cast concrete. Supplied in grey and white for cosmetic colour matched repairs.

- No special primers are necessary
- Application by Float, Hand or Trowel
- Grey and White grades which can be blended
- Cured materials similar to base concrete
- Thickness 25mm (max)
- Protection from acid gases, moisture ingress and chlorides
- Negligible risk of alkali silica reactions. Chloride-free

Usage

- Rapid cosmetic repairs to in-situ and precast concrete

Yield	Pack Size
13.5ltr	8kg



Fosroc® Dekguard W

High performance water-based acrylic copolymer protective and decorative coating for concrete and masonry conforming to the requirements of BS EN1504-2.

Protection for atmospherically exposed reinforced concrete structures, cementitious substrates and masonry from aggressive elements, weathering and rain.

- Excellent barrier to carbon dioxide, chloride ions, oxygen and water
- Allows water vapour to escape from the structure
- High resistance to the effects of long-term weathering and durable in all climatic conditions
- Water-based
- Wide range of decorative colours



Usage

- All types of structures, including those in coastal environments, for new and existing structures

Coverage (per litre per coat)	Tub Size
5.5m ²	10ltr



■ Fosroc® Dekguard Elastic

High performance crack-bridging elastomeric acrylic protective and decorative coating for concrete and masonry conforming to the requirements of BS EN1504-2.

Protects atmospherically exposed reinforced concrete structures from attack by acid gases, chloride ions, oxygen and water, especially where there is a danger of subsequent cracks appearing within the substrate.

- Can accommodate substrate movement of up to 1mm
- True elastomeric coating with excellent elongation and recovery properties which are maintained at sub-zero temperatures
- UV-resistant with high resistance to long-term weathering
- Water-based
- Wide range of decorative colours

Usage

- All types of structures, including those in coastal environments, for new and existing structures



Dosage (per litre per coat)	Tub Size
2.5m ²	10ltr



■ Fosroc® Nitobond AR

Nitobond AR is a single component polymer emulsion designed for use as a curing membrane with Fosroc Renderoc repair products.

- Easy to use straight from container
- Cost effective
- Curing aid

Usage

- Curing membrane for Renderoc Systems and a concrete surface sealer in non-traffic areas



Coverage	Container Size
6-8m ² /litre	5ltr



■ Fosroc® Galvafruid

Galvafruid zinc rich coating is formulated as an easily applied, cold galvanising protection against corrosion on all ferrous metals. Galvafruid has a mid-grey, matt finish.

- Protects ferrous metals against rust
- Suitable as a primer or self-finish
- Easily applied by brush or roller

Usage

- Structural steelwork, agricultural and construction plant and machinery, gates, railings, iron pipework and guttering
- Rust prevention of in-situ welding work

Tin Sizes

400ml, 800ml and 1.9ltr



■ Fosroc® Nitobond SBR

Nitobond SBR is a modified styrene butadiene rubber emulsion which is supplied as a ready to use white liquid. It is designed to improve the qualities of site-batched cementitious mortars and slurries.

- Single component liquid
- Improves cohesion and workability to provide waterproof repairs, renders and toppings which are highly resistant to freeze/thaw cycling
- Allows thin applications
- Excellent bond to concrete, masonry, stonework, plaster and blockwork
- No chloride admixtures
- Can be applied to damp substrates

Usage

- Improving and bonding concrete repair mortars, floor toppings and screeds, waterproof renders and cementitious slurries



Coverage	Container Size
2-3m ² /ltr	5ltr



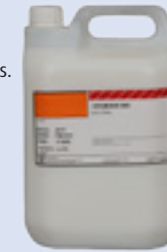
■ Fosroc® Nitobond HAR

Nitobond HAR is a single component polymer emulsion system designed as a bonding agent for Renderoc repair products.

- Easy to use straight from container
- High bond strength
- Non-flammable
- Economical in use

Usage

- Primer for the Renderoc cementitious repair system



Coverage	Container Size
4-6m ² /litre	5ltr

■ Fosroc® Renderoc RP252

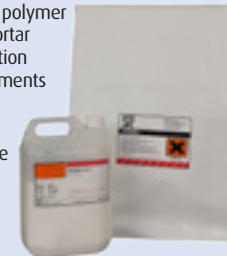
Two component fibre and polymer modified cementitious mortar for re-profiling and protection conforming to the requirements of BS EN 1504-3 Class R3.

Excellent thermal compatibility with concrete and is compatible with other Renderoc mortars and Dekguard coatings.

- Easy to use
- Low permeability provides protection against carbon dioxide and water-borne chlorides
- Excellent bond to the concrete substrate
- Pre-blended
- Shrinkage compensated

Usage

- 3mm to 20mm thickness produces a smooth render finish to concrete or masonry
- Infills surface imperfections and voids or to render large sections of concrete



Dosage (5mm thickness)	Size
2.4m ²	20kg bag, 3.4ltr container

■ Fosroc® Nitobond EP

Nitobond EP is a 100% solids solvent-free epoxy resin containing pigments and fine filler. Used on horizontal and vertical surfaces where mortar or concrete can be supported by formwork.

- Used on dry or damp surfaces
- High mechanical strength
- Excellent adhesion between fully cured and freshly laid concrete
- Effective barrier to chlorides and other substrate contaminants
- Excellent bond retention in permanently immersed conditions

Usage

- For bonding new cementitious mortars and screeds including Patchroc GP and Paveroc to existing cementitious surfaces



Coverage	Tin Size
10m ²	5ltr pack

■ Fosroc® Nitoprime Zincrich Plus

Fosroc Nitoprime Zincrich Plus is a protective coating for steel reinforcement. Single-component formula works fast to combat corrosion. Compatible with all Renderoc mortars and fluid micro-concretes.

- 'Active' zinc-rich system combats corrosion by electro-chemical means
- Easy to use with no restrictive pot-life
- Economical

Usage

- Anti-corrosion primer for exposed steel reinforcement



Coverage (per litre)	Size
8m ²	1.9ltr and 800ml cans

■ Fosroc® Nitofill LV and Nitofill TH

Low viscosity or thixotropic epoxy resin injection grout.

Nitofill LV - A two pack **Low viscosity**: Permits maximum resin penetration. Epoxy resin product for the repair of cracked concrete and masonry by the injection process.

Nitofill TH - A two pack **Thixotropic**: Permits injection of open-ended cracks. Epoxy resin product for the repair of cracked concrete and masonry by the injection process.

- Achieve high strength bond to dry or wet concrete
- Material designed for low creep
- No loss of bond or surface contact
- High compressive, tensile and flexural strengths
- Withstands most chemicals, acids and alkalis, also water and frost

Usage

- **Nitofill LV** - low viscosity system for the injection of cracks between 0.3mm and 9mm wide in concrete and masonry, where both sides of the crack can be sealed to prevent resin drainage
- **Nitofill TH** - developed for the injection of cracks between 0.5mm and 9mm wide in concrete and masonry, and has been specially formulated to minimise the drainage of resin from cracks which are incompletely sealed



Product	Size
Nitofill LV	3ltr pack
Nitofill TH	1ltr pack



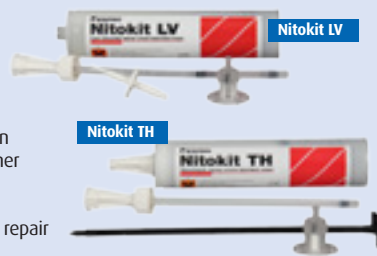
■ Fosroc® Nitokit LV and Nitokit TH

Nitokit LV and Nitokit TH basic pack incorporate a two-part epoxy crack injection resin contained in patented single cartridges, complete with injection nipples and hoses. A selection of either **Nitokit LV**, a low viscosity system or **Nitokit TH**, a thixotropic system, ensures the most cost effective and efficient solution to crack injection.

- Self contained packs include everything to complete the crack injection
- Convenient to use disposable cartridge contains both resin and hardener
- Safe and clean to use, non-return valves avoid leakage and spills
- High strength, excellent bond to concrete, brickwork and masonry
- Low viscosity and thixotropic options allow cost effective and efficient repair

Usage

- Nitokit LV and Nitokit TH are designed for injecting cracks in concrete and masonry where there is a need to consolidate a structure or exclude water and air from contact with reinforcement
- Nitokit LV and Nitokit TH low viscosity system suitable for cracks down to 0.2 mm at the surface and internal cracks tapering down to 0.1 mm
- Nitokit TH is a thixotropic system and can be injected into open ended cracks where depth and quantity of resin need to be controlled and minimum surface crack width is 2mm
- The Nitokit systems are ideal for small scale repairs on site and are also suitable for in-situ or precast concrete elements



Yield (per cartridge pack)
0.25lt



Nitokit Injection Nipples

Nitokit Nipples and Hoses

Available separately as single units



■ Fosroc® Nitomortar HB

Three-component high build epoxy reinstatement mortar. High performance solvent-free epoxy resin system. The lightweight filler is designed to give excellent 'hanging' properties for vertical and overhead work.



Usage

- Saves time and expense
 - No need for formwork
 - Early development of strength minimises disruption
 - Unaffected by a range of chemicals
 - Extremely low permeability
 - Equal to the strength of high quality concrete within 3 days
- Fast and permanent reinstatement of concrete, particularly where resistance to chemicals is required
 - Ideally suited for use in vertical and overhead locations, and emergency repairs where fast strength gain is important

Yield (per pack)	Size
8ltr	9.3kg pack



■ Fosroc® Nitomortar PE

High strength jointing and multi-purpose repair compound. Two-component product with pre-weighed quantities of liquid resin and powdered hardener.



Usage

- Fast development of strength minimises disruption - stronger than concrete within 2 hours
 - No primer required
 - High chemical and oil resistance
 - Poured, trowelled or modified with aggregate without significantly affecting setting times or strengths
 - Extremely low wastage
 - Will cure down to 0°C
- For fast and emergency reinstatement of concrete, bedding, jointing and reprofiling of concrete, masonry and brickwork
 - Bedding and fixing kerbstones, manhole sets, frames, brick slips, ceramic tiles, slabs and coping stones

Yield (per pack)	Size
7.5ltr	14kg pack



■ Fosroc® Nitomortar UA

Two-part epoxy resin mortars recommended for fixing slip bricks and for reinstating structures exposed to heavy battering from the sea, such as sea walls and concrete jetties and for repairing submerged steelwork and concrete. Mixed mortar may be transported underwater in polythene bags.



Usage

- Possesses outstanding strength and adhesive powers
 - Resistant to physical damage
 - Excellent chemical resistance
 - Can be used underwater
- For use in exceptionally wet conditions and for underwater applications

Yield (per pack)	Size
1tr/m ² per mm thickness	1.5kg pack



■ Fosroc® Nitomortar S

High strength, three-component, abrasion-resistant reinstatement mortar based on a high quality solvent-free epoxy resin system. The special silica aggregates provide high strength and excellent abrasion resistance.



Usage

- High ultimate strength - suitable for structural use
 - Early development of strength minimises disruption
 - Abrasion-resistance - suitable for heavily trafficked areas
 - Highly resistant to chemicals
 - Cured product is highly impermeable to water when 'tight trowel' finished
 - Twice as strong as concrete
- Fast and permanent reinstatement of concrete, particularly where resistance to chemicals is required
 - Acid tanks, sea walls, industrial floors and as a bedding mortar
 - Emergency repairs where fast strength gain is important

Yield (per pack)	Size
8ltr	16kg pack



Concrete Repairs

■ Fosroc® Patchroc GP

Fast setting emergency patching mortar for concrete pavements and floors conforming to requirements of BS EN 1504-3 Class R4. Designed for horizontal use and applied up to 100mm thick.

- Rapid strength gain - will generally accept traffic in 2 hours
- High strength, abrasion and weather resistance
- One component, pre-bagged to overcome site-batched variations requires only the site addition of clean water
- Excellent bond to the concrete substrate
- Shrinkage compensated
- No chloride admixtures

Usage

- Pavements, airport aprons, access ramps and floors
- Areas subject to heavy trafficking
- When interruption of traffic must be minimised



Yield	Bag Size
1.0m ² at 12mm thickness	25Kg

■ Fosroc® Paveroc

High performance reinstatement mortar for concrete pavements and floors conforming to the requirements of BS EN 1504-3 Class R4. Designed for horizontal use and applied up to 100mm thick.

- Long open time - applicable to large bay areas
- High strength, abrasion and weather resistance
- One component, pre-bagged to overcome site-batched variations requires only the site addition of clean water
- Excellent bond to the concrete substrate
- Shrinkage compensated
- No chloride admixtures

Usage

- Concrete pavements, ramps and floors to avoid the full depth replacement of bays
- Areas subject to heavy trafficking
- When interruption of traffic must be minimised



Yield	Bag Size
0.9m ² at 12mm thickness	25Kg

■ Fosroc® Renderoc DS

Polymer modified, fibre reinforced, low rebound, dry spray repair mortar conforming to the requirements of BS EN 1504-3 Class R4.

Up to 150mm thickness can be achieved in a single application.

- Low rebound
- Applied at 3°C and above
- High resistance to Carbon Dioxide
- Excellent bond to concrete
- Suitable for use with cathodic protection systems

Usage

- Repairs to buildings, bridges, tunnels and marine structures such as culverts
- For both isolated and large area repairs to beams, columns and panels
- As wide scale overlay system to increase cover to the reinforcement



Yield (per pack)	Bag Size
12.5ltr	25Kg

■ Fosroc® Renderoc FC

Single component polymer modified cementitious fairing coat conforming to the requirements of BS EN 1504-3 Class R2.

Used to infill honeycombing and voids up to 3mm deep in the surface of concrete.

- Compatibility with structural and non-structural concrete of compressive strength 20 - 45 MPa
- Provides extremely low permeability to water, carbon dioxide and chlorides
- Excellent bond to concrete
- Applied quickly and efficiently
- Contains no chloride admixtures

Usage

- Applied in thin layers to produce fair-faced appearance to concrete surfaces or masonry surfaces in readiness to receive a protective/ decorative coating



Coverage (3mm thickness)	Bag Size
5m ²	25Kg

■ Fosroc® Renderoc GP

General purpose medium density concrete reinstatement mortar conforming to the requirements of BS EN 1504-3 Class R3.

Up to 70mm thickness can be achieved in a single application.

- Compatibility with concrete of compressive strength 20-35 N/mm²
- No need for formwork
- Extremely low permeability to water, carbon dioxide and chlorides
- Exceptional system of shrinkage compensation
- Applied quickly and efficiently by wet spraying
- Contains no chloride admixtures

Usage

- General purpose repair mortar that can also be used as a render coat



Coverage (10mm thickness)	Bag Size
1.6m ²	25Kg

■ Fosroc® Renderoc HB45

High performance, hand / wet-spray applied, fibre reinforced high build, high strength, concrete reinstatement mortar conforming to the requirements of BS EN 1504-3 Class R4.

Up to 80mm thickness can be achieved in a single application.

- Exceptional handling characteristics - easy to finish
- High-build applications possible while maintaining higher compressive strengths - fewer layers
- No need for formwork
- Low permeability to water, carbon dioxide and chlorides
- Exceptional system of shrinkage
- Quick spray application
- Contains no chloride admixtures

Usage

- Repair of columns and beams, because of its medium fresh wet density, also suitable for soffit repairs



Coverage (10mm thickness)	Bag Size
1.4m ²	25Kg

■ Fosroc® Renderoc HB

High performance lightweight concrete reinstatement mortar conforming to the requirements of BS EN 1504-3 Class R2.

Up to 100mm thickness can be achieved in a single application.

- Compatibility with non-structural concrete of compressive strength 15 - 25 N/mm²
- Lightweight enables extra high-build - fewer cold joints
- No need for formwork
- Low permeability to water, carbon dioxide and chlorides
- Exceptional system of shrinkage compensation
- Applied quickly and efficiently by wet spraying
- Contains no chloride admixtures

Usage

- It's lightweight nature and high build characteristics makes it ideal for vertical and overhead repair work



Coverage (10mm thickness)	Bag Size
1.5m ²	18Kg

■ Fosroc® Renderoc HBS

High performance, hand applied, fibre reinforced medium build, high strength, concrete reinstatement mortar conforming to the requirements of BS EN 1504-3 Class R4.

Up to 60mm thickness can be achieved in a single application.

- Compatible with concrete of compressive strength 35 - 60 N/mm²
- High-build applications possible while maintaining higher compressive strengths - fewer cold joints
- No need for formwork
- Low permeability to water and carbon dioxide
- Shrinkage compensated
- Contains no chloride admixtures

Usage

- Reinstatement of defects in high strength reinforced concrete structures
- Suited to the repair of vertical surfaces



Coverage (10mm thickness)	Bag Size
1.4m ²	25Kg

■ Fosroc® Renderoc LA

High performance free flowing low alkali micro concrete conforming to the requirements of BS EN 1504-3 Class R4.

Up to 150mm thickness can be achieved in a single application.

- Maximum compatibility with concrete of compressive strength 30 - 60 MPa
- Dual expansion system compensates for shrinkage
- Exceptional bond to concrete substrates without primer
- Placement by pump or pouring into restricted locations
- Self-compacting nature eliminates honeycombing and displaces air without vibration
- High strength and low permeability, maximum protection against carbon dioxide and chlorides
- Contains no chloride admixtures

Usage

- Repair of large areas of concrete where access is restricted or where reinforcement is congested.



Yield	Bag Size
12ltr	25Kg

■ Fosroc® Renderoc Plug

Rapid setting cement-based, water-stopping mortars conforming to the requirements of BS EN 1504 Class R1.

Renderoc Plug 1 has an initial set time of approximately 1 minute, **Renderoc Plug 20** with an initial set time of approximately 20 minutes.

- Emergency water-stopping
- Single component
- Excellent bond to the substrate
- Minimises thermal cracking
- Chloride-free
- Renderoc Plug 20: Approved for use in public water supplies
- Plug 20 BS6920 tested product
- Renderoc Plug 1 and Renderoc Plug 20 comply with class R1 according to BS EN 1504-3

Usage

- Rapid patching and plugging of concrete segments, concrete and brick tunnel linings, sewage systems, below ground access chambers, pipes, basements, foundations and mines



Plug 1



Plug 20

Yield (per pack)	Size
Renderoc Plug 1 - 3ltr	6Kg
Renderoc Plug 20 - 12.5ltr	25Kg



■ Fosroc® Renderoc Primer

High performance Polymer / Cement Slurry Bonding agent

- Easy to use
- High bond strength achieved
- Conforms to the requirement of BS EN 1504-3, class R2, R3, R4, when used with the relevant Fosroc repair materials
- Cost effective
- Economical in use



Usage

- For use in conjunction with Fosroc cementitious repair materials

Yield	Size
13ltr - 2m ² /ltr	25kg pack



Comprehensive stock

Competitive prices

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■ Fosroc® Renderoc ST05

High performance, multi-purpose cementitious protective coating, fairing and levelling mortar from feather edge to 5mm thickness, conforms to the requirements of BS EN 1504-3 Class R4.

- Easy to mix and apply
- Excellent bond to concrete without priming
- Vertical and horizontal applications
- High frost resistance
- Abrasion resistant, can be subjected to traffic
- Carbonation barrier
- Chloride barrier
- High frost resistance
- High compressive strength

Usage

- Repair use to concrete, masonry, mild steel and brickwork
- Reprofiling mortar/fairing coat over large areas



Coverage (per bag)	Size
12ltr	20Kg bag, 5ltr container

■ Fosroc® Renderoc RP252

Two component fibre and polymer modified cementitious mortar for re-profiling and protection conforming to the requirements of BS EN 1504-3 Class R3.

- Easy to use
- Wide range of application thickness from 3 mm to 20 mm
- Low permeability provides protection against carbon dioxide and water-borne chlorides
- Excellent bond to the concrete substrate
- Shrinkage compensated

Usage

- To produce a smooth render finish to concrete or masonry surfaces. Can be used either to produce a surface in readiness for a protective coating or mortar layer



Coverage (5mm thickness)	Size
2.4m ² per bag	20kg bag, 3.4ltr container

■ Sika MonoTop® 615

MonoTop® 615 R3 is a one-part, cementitious, DWI approved, high build concrete repair mortar.

Polymer modified, high build repair and reprofiling mortar, meeting the requirements of Class R3 of EN 1504-3.

- Easy to use just add water
- Spray or hand applied
- Contains no chloride admixtures
- High build
- Low wastage
- DWI approved
- A1 fire rating

Usage

- For exterior and interior use for all structures class R1 and R2 repairs



Coverage	Bag Size
1.65 kg/m ² /mm	25kg

■ SikaCem® 133F Gunite

SikaCem® 133F Gunite is a cement based, fast setting, polymer modified, one-component repair mortar containing silica fume and high range water-reducing agents, meeting the requirements of Class R4 of EN 1504-3. Formulated for machine Usages using the dry process without set accelerators, repairs may be profiled and trowel finished where necessary.

- Fast setting, ready to use
- One Usage overhead thickness up to 150mm possible without additional mesh
- Low Shrinkage
- Fibre Technology reduces shrinkage
- Fibres reduces the effect of tidal wash out and in rising water

Usage

- Large volume repairs
- Bridges, marine structures, tunnels and facades
- For exterior and interior use
- In place of R1, R2 & R3 mortars



Yield	Bag Size
2.2 kg/m ² /mm	25kg

■ SikaFuko® System

SikaFuko® is a range of specially designed solid core PVC Injection Hose Systems which can be installed in concrete construction joints to waterproof them and also to seal any cracks or voids in the joint areas. The SikaFuko® systems seal joints so that they are watertight and also they provide a complete maintenance solution if any leaks occur in the future.



Usage

- Waterproofing construction joints

- 30 year proven international track record
- Re-injectable systems available
- No drilling necessary for injection works
- Easy to install and very cost effective
- Can be used in complex and difficult situations
- No additional formwork or reinforcement works
- Ideal back-up in combination with waterbars
- Provides unique solutions for critical requirements



■ Sikadur® 31 EF

Sikadur® 31 EF is a 2-part epoxy based moisture tolerant, thixotropic, structural adhesive which bonds most construction materials. It has high mechanical strengths.

Used for repair and adhesive for corners and edges, holes and void filling. Can also be used for minor concrete repairs, joint filling and crack sealing.



Usage

- Temperature Usage range +10°C to +30°C
- Easy to mix and apply
- Good adhesion to a range of construction materials
- High mechanical strengths
- Thixotropic: non-sag in vertical and overhead Usages
- Hardens without shrinkage
- No primer needed
- Chemical resistance

Coverage	Tin Size
1.95 kg/m ² per mm thickness	1.2kg & 6kg



■ Sikadur® 31 CF Rapid

Sikadur® 31 CF Rapid is a moisture tolerant, thixotropic, structural 2-component adhesive and repair mortar, based on a combination of epoxy resins and special fillers, designed for use at temperatures between +5 °C and +20 °C.

Also used as a structural adhesive for precast concrete segments.



- Easy to mix and apply
- Very good adhesion to most construction materials
- High mechanical strengths
- Thixotropic: non-sag in vertical and overhead Usages
- Hardens without shrinkage
- No primer needed
- High initial and ultimate mechanical strength
- Good chemical resistance

Usage

- Concrete, hard natural stone, ceramics, fiber cement, mortar, bricks, masonry, steel, Iron, aluminium, wood, polyester and epoxy
- Joint and crack filling

Coverage	Tin Size
1.94 kg/m ² per mm thickness	6kg



■ Sika MonoTop® 614F

Sika® MonoTop 614F is a cement based, one component flowable repair mortar (High Flow) containing shrinkage compensators and high range water reducing agents, meeting the requirements of Class R4 of BS EN 1504-3.



- One component, ready to use
- Low shrinkage
- High mechanical properties
- Good flow properties
- Horizontal or vertical repairs
- For exterior and interior use
- Repair depths up to 150mm in one Usage
- Can be poured or pumped
- Over coatable with Sika reprofiling/levelling mortars

Usage

- Bridges, marine structures, tunnels, buildings and fire damaged structures
- In place of R1, R2 & R3 mortars

Yield	Bag Size
11.5ltr of mortar	25kg



■ SikaCem® 133S Gunite

SikaCem® 133S Gunite (formerly SikaCem® 3 Gunite) is a cement based, polymer modified one component repair mortar containing silica fume and high range water-reducing agents, meeting the requirements of Class R4 of BS EN 1504-3. Formulated for machine Usages using the dry process without set accelerators, repairs may be profiled and trowel finished where necessary.



- One component ready to use micro concrete
- Non silica aggregates
- Layer thicknesses in one Usage overhead up to 150mm possible without additional mesh
- Rapid strength gain
- Very low shrinkage
- Over coatable with Sika reprofiling/levelling mortars

Usage

- Large volume repairs
- Bridges, marine structures, tunnels and facades
- For exterior and interior use
- In place of R1, R2 & R3 mortars

Yield	Bag Size
2.2 kg/m ² /mm	25kg



■ Sikagard® 62

Sikagard® 62 is a two part, rigid, 100% solids, coloured high build epoxy resin based protective coating.



- Solvent free
- Good mechanical and chemical resistance
- High build
- Impervious to liquids
- Easy to mix and to apply

Usage

- Stone, cementitious mortars and renderings, epoxy cement, epoxy resin based products and steel
- Lining in storage tanks and silos
- Anti-corrosion coating in food processing plants, sewage works, farms, agricultural enterprises, chemical and pharmaceutical facilities and beverage industry

Coverage (0.2mm layer)	Tub Size
0.30 kg/m ²	5kg



■ SikaCem® 133CP Gunite

SikaCem® 133 CP Gunite (formerly Sikacrete® CP) is cement based one component repair mortar containing limestone aggregate and meeting the requirements of Class R4 of BS EN 1504-3. Formulated for machine Usages using the dry process without set accelerators. Repairs and overlay may be profiled and trowel finished where necessary.



- One component ready to use micro concrete
- Non silica aggregates
- Layer thicknesses in one Usage overhead up to 150mm possible without additional mesh
- Rapid strength gain
- Over coatable with Sika reprofiling/levelling mortars

Usage

- Large volume repairs
- Bridges, marine structures, tunnels and facades
- In place of R1, R2 & R3 mortars

Yield	Bag Size
2.2 kg/m ² /mm	25kg



■ Sika® FerroGard® 903 Plus

Sika® FerroGard® 903 Plus surface applied active corrosion inhibitor, based on organic compounds, for use as an impregnation of steel reinforced concrete. Penetrating the concrete and forms a protective monomolecular layer on the surface of the reinforcing steel. Delays the start of corrosion and reduces corrosion rate. Increases the service and maintenance life cycles by up to 15 years.



- Suitable for method 11.3 (applying inhibitor to the concrete) defined by EN 1504-9 for Principle 11 (anodic control)
- Does not change the appearance of the concrete structure
- Does not alter the water vapour diffusion properties of concrete
- Long term protection / durability

Usage

- Steel reinforced concrete above and below ground
- Undamaged reinforced concrete where reinforcing steel is corroding
- Historic structures

Coverage	Container Size
0.50 kg/m ²	25kg



■ Sikadur® 32 Normal

Sikadur® 32 Normal is a moisture tolerant, structural, two part bonding agent, based on a combination of epoxy resins and special fillers. Use at temperatures between +10°C and +30°C.

- Easy to mix and apply
- Suitable for dry and damp concrete surfaces
- Very good adhesion to most construction materials
- High bond strength
- Hardens without shrinkage
- No primer needed
- High initial and ultimate mechanical strength
- Impermeable to liquids and water vapour
- Good chemical resistance

Usage

- Concrete, hard natural stone, ceramics, fiber cement, mortar, bricks, masonry, steel, Iron, aluminium, wood, polyester and epoxy



Coverage	Tin Size
1.3 kg/m ² per mm thickness	5kg



■ Sikadur® 41 FC Normal

Sikadur® 41 CF Normal is a 3-component thixotropic patching mortar based on a solvent free epoxy resin and selected aggregates. Sikadur 41 is made up of Sikadur 31 Part A and B and Sikadur 41 Part C. The fully cured mortar exhibits physical and mechanical properties.

- Easy to mix and apply
- Very good adhesion to most construction materials
- High strength adhesive
- Thixotropic: non-sag in vertical and overhead Usages
- Hardens without shrinkage
- No primer needed
- High initial and ultimate mechanical strength
- Impermeable to liquids and water vapour
- Good chemical resistance

Usage

- Concrete, hard natural stone, ceramics, fiber cement, mortar, bricks, masonry, steel, Iron, aluminium, wood, polyester and epoxy
- Repair mortar for cavities voids etc.
- Joint filling and crack sealing



Coverage	Tin Size
2.0 kg/m ² per mm thickness	11kg



■ Sikagard® 675 W Elastocolour

Sikagard® 675 W GB ElastoColor is a one-part, plastoelastic water dispersed coating based on styrene acrylate dispersion for the protection and enhancement of fair-faced concrete. Can be applied over existing coatings or directly onto the concrete surfaces. Complies with the requirements of EN 1504-2 as a protective coating.



- Water vapour permeable
- Resistant to weathering and ageing
- Roller brush or spray
- High covering power
- Prevents water ingress.
- High diffusion resistance to CO₂ (carbon dioxide)

Usage

- Concrete structures
- Repairs on levelling mortar, fibre cement and overcoating coatings
- Protection against ingress, moisture control and for increasing resistivity

Coverage	Tub Size
0.20 - 0.25 kg/m ²	15ltr



■ Sikadur® 41 FC Rapid

Sikadur® 41 CF Rapid is a moisture tolerant, thixotropic, structural, 3-component adhesive and repair mortar, based on a combination of epoxy resins and special fillers, designed for use at temperatures between +5°C and +20°C.



- Easy to mix and apply
- Very good adhesion to most construction materials
- High strength adhesive
- Thixotropic: non-sag in vertical and overhead Usages
- Hardens without shrinkage
- No primer needed
- High initial and ultimate mechanical strength
- Impermeable to liquids and water vapour
- Good chemical resistance

Usage

- Concrete, hard natural stone, ceramics, fiber cement, mortar, bricks, masonry, steel, Iron, aluminium, wood, polyester and epoxy
- Repair mortar for cavities voids etc.
- Joint filling and crack sealing

Coverage	Tin Size
2.0 kg/m ² per mm thickness	10kg



■ Sika® Galvashield XP

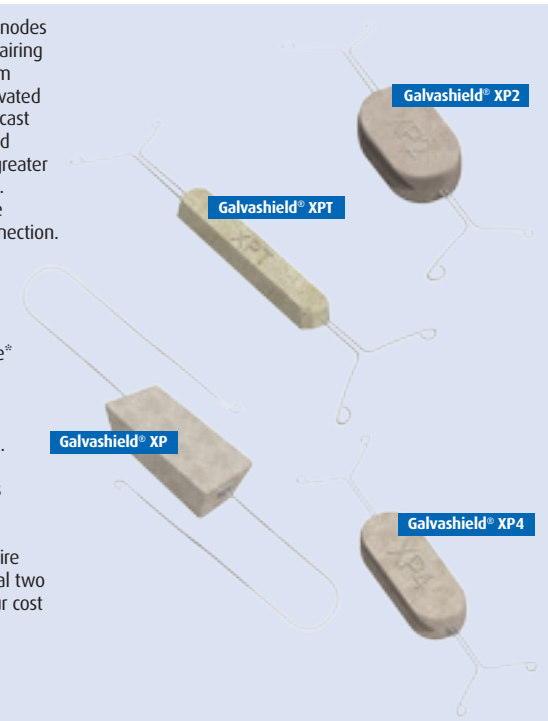
Sika® Galvashield XP range of embedded galvanic anodes are used to mitigate ring anode corrosion when repairing reinforced concrete structures. Designed for optimum performance and ease of installation, the alkali-activated (Type 1A) anodes are comprised of high purity zinc cast around a steel tie wire with an enhanced formulated cement-based mortar with an internal pH of 14 or greater that keeps the zinc active over the life of the anode. The Sika® Galvashield XP range of anodes utilise the contractor friendly One-and-Done™ single-wire connection. Once installed, the zinc anode corrodes to provide galvanic protection to adjacent reinforcing steel.

- Proven technology - supported by independent test programme
- Long lasting - minimum 20 year anode service life* when using standard design tables; reduces the need for future repairs
- Independent testing - indicates concrete repair service life* can be extended by more than 400%. Type 1A anode - alkali-activated to maintain activity of zinc, meets building code requirements that prohibit intentionally added constituents that are corrosive to reinforcement within repair area
- One-and-Done™ connection - innovative single wire connection installed up to 2x faster than traditional two wire connection, saving 50% on installation labour cost

Usage

- Patch repairs
- Joints between new and existing concrete
- Slab replacement
- Expansion joint repair
- Repair of epoxy-coated rebar
- XPT/XP2/XP4 anodes for chloride contaminated concrete
- XP Compact anode for carbonated concrete
- Mitigates 'halo effect' formation in concrete repairs

*As with all galvanic protection systems, service life is dependent upon a number of factors including reinforcing steel density, concrete conductivity, chloride concentration, humidity and anode spacing.



Product	Per Box
Galvashield® XP	50
Galvashield® XPT	50
Galvashield® XP2	40
Galvashield® XP4	30



Comprehensive stock

Competitive prices

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■ Sikadur® 52 Injection Normal

Sikadur® 52 Injection Normal is a 2-part, epoxy, low viscosity, normal pot life, injection resin specially formulated for crack injection work by either pressure injection or gravity feed techniques, designed for use at temperatures between +5°C and +30°C.

- Good adhesion to concrete, masonry, stone, steel and wood substrates
- Used for dry and damp conditions
- Maximum crack width 5mm
- Good mechanical properties
- Two grades for different climatic conditions



Usage

- Bridges, civil engineering structures, industrial and residential buildings, e.g. columns, beams, foundations, walls, floors and water retaining structures

Yield	Tin Size
0.93ltr	1kg



■ Sika® MonoTop® 630 Rapid

Sika MonoTop® 630 Rapid (previously Sika® Rapid Repair Mortar) a one component fast setting cementitious repair mortar, meeting requirements of Class R4 of EN 1504-3.

- Pre-bagged for quality
- Just add water
- High early strength
- Rapid setting
- Contains no chloride admixtures
- Non-corrosive to steel
- Can be overcoated
- For exterior and interior use
- Horizontal and vertical repairs, hand applied



Usage

- Repairing structures
- Floor slabs and car park decks
- In place of R1, R2 and R3 mortars

Yield	Bag Size
2.10kg/m ² per mm	25kg



■ Sika® Armatex® 110 EpoCem®

Sika® Armatex® 110 EpoCem is a cementitious epoxy resin compensated 3-component, solvent-free, coating material with corrosion inhibitor, used as bonding primer and reinforcement corrosion protection.

- Contains EpoCem® technology - improved bonding agent
- Extended open times for repair mortars
- Excellent adhesion to concrete and steel
- Contains corrosion inhibitor
- Good resistance to water and chloride penetration
- High shear strength
- Long pot life
- Can be brushed or sprayed
- Exterior and interior use

Usage

- Concrete repair as corrosion protection for reinforcement
- Bonding primer on mortar, steel, and on placing fresh, plastic concrete to existing hardened concrete



Yield as a Reinforcement	Bag Size
2kg/m ² at 1mm thick	20kg
Yield as a Bonding Primer	
1.5 > 2.0kg/m ²	



■ Sika® Parex Highway C2

Parex Highway C2 is a pre-mixed Portland cement based non-shrink bedding mortar suitable, for the support of road ironwork and highway furniture. The mixed mortar, when placed, will harden in approximately 10 minutes.

- Easy to use, add water
- Rapid setting
- Vehicular traffic within 2 hours
- Used safely with cast iron and steel units

Usage

- Re-bedding of raised manhole frames and bedding of frames in new roads
- Support of road furniture



Yield	Bag Size
12.75ltr	25kg



■ Sika® Parex Super FG

Parex Super FG is a one component, Magnesium phosphate cement, rapid hardening and high early strength concrete repair and ironwork bedding mortar for use in temperatures as low as 0°C. Suitable for works carried out in raising or lowering carriageway frames and covers. Adding water will produce a grout.

- Easy to use, add water
- Rapid setting
- Trafficable within 45 mins
- High early age and ultimate strengths
- Shrinkage compensated
- Increased resistance to de-icing salts
- Non corrosive to steel

Usage

- Re-bedding of raised manhole frames and bedding of frames in new roads
- Support of road furniture
- Rapid repairs to concrete surfaces and to cold room areas



Yield	Bag Size
11.5ltr	25kg

■ Sika® Parex® Tecfast Concrete

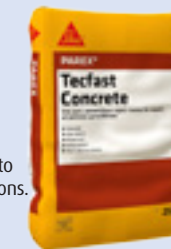
Parex Tecfast Concrete cement based, one component, rapid setting, shrinkage compensated repair concrete.

Parex Tecfast Concrete is suitable for all concrete works where early strength development is required to allow early use of the placed sections.

- Suitable for use in exposure classes: X0, XC4, XS3, XD3, XF1, XA1
- Rapid setting, high early strength gain
- 20 - 650mm thickness
- Good chemical resistance
- No special curing required

Usage

- Repairs to accept foot and vehicular traffic
- New and reinstatement of pavement areas
- Repairs to roadways and runways
- Structural support



Yield	Bag Size
11.5ltr	25kg

■ Sika® Parex® Kerbfix

Parex Kerbfix is a 2-component, polyester based, rapid setting, bedding mortar used for the bedding and fixing of paving units where same day trafficking and/or exceptional bond is required. Available in Winter and Summer formulations to allow for a temperature range of Usage between 0°C and 35°C.

- Strong bond to a wide range of substrates (concrete, asphalt, etc.)
- Can be applied in damp conditions
- Rapid return to service and/or exceptional bond
- Complements Sika/Parex Streetscape Range
- Easy to mix and apply
- High early strength gain, same day opening
- Suitable for all trafficked areas

Usage

- Bedding of paving units
- Fixing for kerb units
- Paved areas, driveways, ramps, parking areas, cycle-ways, walkways, etc.



Kerbfix (Summer)



Kerbfix (Winter)

Yield	Bag Size
7ltr	14kg



■ webercote primer

webercote primer low viscosity surface stabilising sealer.

- Single component, apply by brush, roller or spray
- Prevents surface dusting
- Prevents grime penetration
- Resists the penetration of water droplets and salt solutions
- Colourless solution, non toxic
- Vapour permeable, allowing substrates to breathe
- Can be used in confined spaces

Usage

- Sealing and hardening of dusty or friable surfaces
- New and old concrete, brickwork, masonry and renders
- Treatment against efflorescence or as a foundation for further decoration
- Primer for webercote anti-carbonation coatings

Coverage (per litre)	Size
4 - 10m ²	5ltr



■ webertec aquapel crème

webertec aquapel crème water and silane-based repellent.

- One-coat application
- Easy to apply by brush, roller or non-atomising spray
- Minimal effect to surface appearance
- Protects against ingress of waterborne ions (chlorides and sulphates)
- Improves freeze/thaw resistance of treated surfaces
- Reduces susceptibility to corrosion of reinforcement
- Allows treated surface to breathe
- Enhanced durability
- Provides good adhesion for paints
- Complies with BS EN1504-2



Usage

- Buildings and structures with porous concrete in exposed locations
- Protects buildings and bridges from salt spray

Coverage (per litre)	Tub Size
2.25m ²	10ltr



■ webercote EC

webercote EC single-part elastomeric anti-carbonation coating for external surfaces.

- High-build: 0.5 mm in thickness, better resistance movement
- Apply by brush or roller
- Will bridge static cracks up to 3mm
- Very good dynamic crack bridging capability
- Excellent anti-carbonation coating
- Allows water vapour diffusion
- Available in a range of colours, good colour retention
- Durable – life expectancy in excess of 15 years
- Complies with the requirements of BS EN 1504-2



Usage

- External building surfaces except metals, plastics or common fletton bricks to vertical and sloping concrete surfaces

Coverage (per litre)	Tub Size
2m ² per coat	12.5kg



■ webertec MCI

webertec MCI Surface applied ready mixed migrating corrosion inhibitor.

- Surface treatment proven to reduce the rate of corrosion
- Decreases the treated concrete's permeability to water which reduces the amount of harmful ions entering the repair. This in turn can delay the onset of corrosion.
- Water based
- Easy to apply by brush

Usage

- New and old concrete, brickwork, masonry and renders and as a foundation for further decoration
- Car parks, tunnels and other underground structures
- Marine structures and concrete framed buildings

Coverage (per litre)	Size
0.1m ²	25kg



■ webercote smooth

webercote smooth a protective anti-carbonation coating system.

- Apply by brush, roller or spray
- Excellent anti-carbonation coatings
- Durable formulation - life expectancy in excess of 15 years
- Resistant to chloride ion ingress
- Coatings allow vapour diffusion
- Complies with the requirements of BS EN 1504-2

Usage

- Concrete, blockwork, or masonry renders.
- Applied to brickwork for decorative purposes

Coverage (per litre)	Tub Size
6 - 10m ²	12.5kg



■ webertec solvent

webertec solvent universal solvent based cleaner for removing uncured epoxy and polyester resins.

- Fast and efficient cleaning of uncured resins from tools and equipment
- Supplied in UN-approved containers

Usage

- Suitable for removing uncured epoxy resins
- A general-purpose cleaning solvent for epoxy and polyester resins

Size
5ltr



■ webercem advanced repair concrete CP

webercem advanced repair concrete CP low resistivity flowing recasting repair concrete.

- Excellent electrical resistivity for cathodic protection systems
- Rapid strength development reducing repair times
- Forms an integral bond to existing concrete and restores structural integrity
- Economical repair
- Variable application thickness's
- Does not contain microsilica
- Complies with NH specification for use on highway structures
- Free-flowing
- Complies with BS EN 1504-3 as an R4 repair mortar

Usage

- Repair of concrete bridge structures, car parks and buildings. Costal structural repairs and concrete columns
- Replacement of concrete to beams and crossheads

Yield (per bag)	Bag Size
13ltr	25kg



■ webercem advanced repair concrete

webercem advanced free-flowing recasting repair concrete.

- Permanent structural repair
- Contains non-reactive aggregates and a low soluble alkali cement content
- Variable thickness's, minimum 25mm
- Rapid strength development
- Economical repair
- Free-flowing
- Shrinkage-compensated
- Dimensionally stable, forms an integral bond to existing concrete
- Complies with BS EN 1504-3 as an R4 repair mortar

Usage

- Replacement and repair of concrete to beams and crossheads, columns, walls and soffits
- Repair of car parks and buildings and costal repairs
- Baseplates where thick sections are required to be grouted: 75 to 500mm

Yield (per bag)	Bag Size
12.75ltr	25kg



■ webercem bondcoat

webercem bondcoat polymer modified cementitious bonder for repair mortars.

- High initial grab
- Complies with the requirements of BS EN 1504-3
- Contains fibres for improved thixotropy
- Cementitious, no solvents
- Mix with water

Usage

- Improved bond of cementitious repair mortars to concrete
- Universal primer for steel and concrete

Yield (per bag)	Bag Size
16.5ltr	20kg



Concrete Repairs

webercem fairing coat

webercem fairing coat cementitious levelling mortar for concretes.

- Easy to apply, excellent application properties.
- Easy to spread to provide a smooth and level surface
- Good adhesion to suitably prepared concrete
- Compatible with typical concretes or Weber cementitious hand-placed repair mortars
- Eliminates onsite mixing errors

Usage

- Levelling new and old concrete surfaces
- Making good frost damaged and scoured concrete surfaces
- Levelling of patched concrete repairs



Yield (per bag)	Bag Size
12.5 - 14ltrs	20kg



webercem HB30

webercem HB30 acrylic polymer modified, highbuild facade repair mortar, lightweight, medium strength mortar for soffit and vertical repairs.

- High-build properties - up to 75mm vertically and 50mm overhead, without formwork depending on size of the repair
- Achieves 30 N/mm² in 28 days
- Unique shrinkage compensation system provides long-term dimensional stability
- Easy to apply, with excellent application properties
- Low permeability to water, carbon dioxide and chlorides
- Contains fibres and spray dried acrylic polymer
- Complies with BS EN 1504-3 as R3 mortar

Usage

- High-build mortar to repair building facades
- Overhead and vertical repairs soffits, decks and columns
- Repair of voids and honeycombed areas



Yield (per bag)	Bag Size
13ltr	20kg



webercem concrete repair system

webercem concrete repair system multi component based on polymer modified portland cement mortars and coatings based on acrylic resins.

- Priming, high-build repair, levelling treatments and high-performance coatings
- Specially formulated to comply with the requirements of BS EN 1504 parts 2 and 3 for protective coatings and concrete repair mortars
- Proven track record
- Re-introduces alkalinity to reinforced concrete repair areas
- Increases durability of reinforced concrete against carbonation and chloride ingress

Usage

- Repair and protection of untrafficked reinforced concrete to building structures for lintels, columns, soffits, beams and precast units
- Repair and protection of untrafficked reinforced concrete to highway structures for bridge abutments, parapets, columns and bridge soffits



webercem fairing coat

webercem bondcoat

webercem HB40

webercote smooth

Product	Yield	Size
webercem fairing coat	12.5 - 14ltrs per bag	20kg
webercem bondcoat	5Kg per m ²	20kg
webercem HB40	13ltr per bag	20kg
webercote smooth	6 - 10m ²	12.5kg



Concrete Repairs

webercem HB40

webercem HB40 acrylic polymer modified, fibre reinforced, highbuild structural repair mortar, lightweight, high strength mortar for soffit and vertical repairs.

- Lightweight, low-density structural repair mortar which allows speedier completion of work
- High-build properties - up to 75mm vertically and 50mm in a soffit repair, without formwork
- Unique shrinkage compensation system provides long-term dimensional stability
- Contains fibres and spray dried acrylic polymer
- Low permeability to water, carbon dioxide and chlorides
- Easy to apply, with excellent application properties
- Complies with BS EN 1504-3 as an R3 mortar

Usage

- Structural concrete repairs, particularly where overhead build is required
- Repairs to car park soffits, bridge structures and columns

Yield (per bag)	Bag Size
13ltr	20kg



webercem lightweight

webercem lightweight high build, cementitious mortar for vertical and soffit repairs.

- High-build up to 50mm in soffit patch repairs, without formwork
- Easy to apply, excellent application properties
- Preblending eliminates on site mixing errors and variations in quality, availability and grading of local cements and aggregates
- Can be overcoated with webercote anticarbonation coatings for optimum protection of reinforced concrete

Usage

- High-build concrete repairs and repairs to soffits

Yield (per bag)	Bag Size
13ltr	20kg



webercem R4 duo

webercem R4 duo, 2-in-1 R4 repair mortar and fairing coat, lightweight, high build mortar for overhead and vertical repairs.

- Can be used as a repair mortar and/or fairing coat
- High build properties - up to 75mm vertically and 75mm overhead repairs, without formwork when used as R4 mortar
- Easy to apply, with excellent application properties
- When used as a fairing coat 3mm of coverage provides as much protection against CO₂ diffusion as 30mm of low-permeability concrete or 300mm of high-permeability concrete
- Complies with BS EN 1504-3 as an R4 mortar or R3 fairing coat

Usage

- Structural concrete repairs, particularly where high, overhead repairs are required
- Repairs to concrete structures and members such as bridges and coastal assets
- As a smoothing treatment for concrete surfaces

Yield (per bag)	Bag Size
12 - 13ltrs	20kg



webercem spray RSF

webercem spray RSF fibre reinforced, rapid setting, dry spray concrete.

- Rapid setting concrete allows work to continue in tidal zones
- Prevents wash out from tidal action or flowing water
- Economical with low rebound
- Fibres help improve resistance to cracking and adhesion
- Extra high build - up to 400mm thickness in one pass
- Total chloride ion content does not exceed 0.05% of the weight of cement

Usage

- Rapid repairs to structures within tidal zones
- Repairs of marine and coastal structures

Yield (per bag)	Bag Size
11.5ltr	25kg



Concrete Repairs

■ webercem spray CP

webercem spray CP ready-to-use, low-resistivity, dry-spray, structural repair concrete.

- Economical - low rebound
- Safe to use and handle relatively low dust emission, no caustic accelerators
- High-build - up to 100 mm thickness can be applied in one pass on vertical faces
- Good adhesion to well prepared concrete
- Compatible with high quality structural concrete substrates
- Complies with Highways England specifications for repairs to highway structures



Usage

- Repairs large areas of structural concrete, highway structures, bridge columns, piers, deck soffits, beams, abutments, parapet. Marine structures jetties, piers.

Yield (per bag)	Bag Size
12ltr	25kg



■ webercem spray DSF

webercem spray DSF polymer modified, dry spray, structural repair concrete, with fibre reinforcement.

- Economical - low rebound
- No siliceous aggregates, no caustic accelerators
- High-build - up to 150mm thickness can be applied
- Low permeability to water and chlorides
- Low chloride ion diffusion: better protection of reinforced concrete marine structures
- Fibres provide better strain relief and stress distribution
- Thin overlays 25-50mm on columns, piers and walls without need for mesh, providing extra cover to steel
- Class 4 repair product meeting BS EN 1504-3



Usage

- Repairs large areas of structural concrete. Highway structures: bridge columns, piers, deck soffits, beams, abutments and parapets. Repairs of marine structures.

Yield (per bag)	Bag Size
12ltr	25kg



■ webercem spray DS

webercem spray DS ready-to-use, polymer modified, dry-spray, structural repair concrete with dust suppressants.

- Economical - low rebound
- Safe to use and handle
- High-build - up to 150 mm thickness can be applied in one pass on vertical and overhead faces encapsulating existing steel reinforcement
- Rapid strength gain
- Low permeability to water and chlorides
- Complies with Highways England specifications for repairs to highway structures
- Class 4 repair product meeting BS EN 1504-3



Usage

- Repairs large areas of structural concrete
- Repairs of highway structures, bridge columns, piers, deck soffits, beams, abutments and parapets etc.
- Repairs of marine structures

Yield (per bag)	Bag Size
12ltr	25kg



■ webercem spray RS

webercem spray RS ultra rapid setting, polymer modified dry-spray concrete.

- Rapid setting concrete allows work to continue in tidal zones
- Prevents wash out from tidal action or flowing water
- Economical with low rebound
- High-build - up to 150 mm thickness can be applied in one pass to vertical faces
- Good adhesion to concrete substrates
- Non reactive aggregate complying with HA Clause 1704
- Total chloride ion content is less than 0.05%. No calcium chloride or admixtures containing chloride salts used.
- Good resistance to salts absorption



Usage

- Rapid repairs to structures within tidal zones
- Repairs of marine and coastal structures

Yield (per bag)	Bag Size
12.5ltr	25kg



Concrete Repairs

■ webertec multibond

webertec multibond sealer for hairline cracks in concrete and treatment of hollow floor screeds.

- Ready to use - no mixing required
- Good flexibility
- Good bond strength
- Exceptional penetrating properties
- Can be poured into cracks with minimal assistance



Usage

- Sealing hairline cracks in reinforced concrete
- Sealing cracks in horizontal surfaces such as granolithic, mosaic and terrazzo floors
- Consolidating hollow floor screeds
- Sealing cracks in vertical surfaces
- Re-bonding renders

Container Sizes

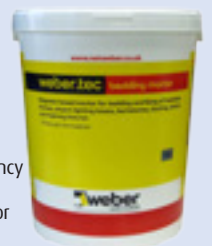
5 and 25ltr



■ webertec bedding mortar

webertec bedding mortar polyester based mortar for bedding and fixing manhole frames, kerb stones, airport lighting bases, ducting, drains and highway fixtures.

- Complies with Highways Agency Design Manual Document HA 104/02 for bedding mortar for trunk roads and motorways
- Easy to mix and place
- Good working time for ease of placement
- Rapid setting (within 2 hours at 20°C)
- Rapid grade available for cold weather working or fast completion work
- Good chemical and freeze/thaw resistance



Usage

- Bedding/fixing manhole frames, airport landing lights, duct frames and fixing precast concrete units

Yield (per tub)	Tub Size
12ltr	25kg



■ webercem EP bonding aid

webertec EP bonding aid moisture tolerant epoxy primer for bonding epoxy repair mortars and hand placed cementitious repair mortars.

- High initial adhesion to promote excellent bond between substrate and hand placed repair mortar
- Moisture tolerant, allowing work to continue during inclement weather
- Can be used down to 5°C, allowing work during winter



Usage

- Primer for webertec EP mortar where its application is to vertical and soffit applications
- Bonding aid to steel reinforcement rebar for hand placed concrete repair mortars in aggressive environments

Yield (per kg)	Pack Size
5ltr	5.6kg



■ webertec EP mortar

webertec EP mortar high strength epoxy resin mortar for repairs, bedding and fixing.

- Fast epoxy repair - stronger than concrete in less than 24 hours
- High strength - 2 to 3 times stronger than normal concrete
- Easy to mix and apply
- Impermeable to water, oil, petrol, chemical spillage



Usage

- Precast units, spalled and cracked concrete structures
- Floors and other substrates where chemical resistance and/or impermeability to water, oil, petrol and many chemicals is required

Yield (per pack)	Pack Size
12.5ltr	26kg



Concrete Repairs

■ webertec mortar

webertec mortar fast setting, multi-purpose mortar.

- Fast setting for quick and easy installation
- High strength allows rapid return to use
- Can be used in temperatures down to 5°C
- Economical usage through part mixing by volume – use only what is required

Usage

- Patch repairs to small defects in concrete
- Repair of pre-cast kerbs
- Fixing small bolts and bedding steel plates
- For rapid set fixing of bridge bearing pads
- Repairs to concrete steps

Yield (per pack)	Pack Size
12.5ltr	25kg



■ webercem pyracrete

webercem pyracrete general purpose, rapid setting, cement based bedding concrete.

- Complies with HD27/04
- Ready to use
- Contains 5mm inert coarse graded aggregate
- Rapid setting – 15 mins at 10°C
- Working time 7 mins at 10°C
- Can be applied to depths up to 500mm thickness in small areas <math>< 0.5m^2</math>
- Replacement for damaged brickwork in manhole chambers
- Can be used Winter or Summer

Usage

- Infilling around manholes
- Setting of kerbs
- Building up manhole chambers
- Temporary patch repairs

Yield (per bag)	Bag Size
10.5ltr	25kg



■ webercem pyrabed

webercem pyrabed shrinkage compensated, rapid setting bedding mortar for the reinstatement of road iron work and highway furniture.

- 5-15 min. working time at 20°C
- Rapid strength development
- Trafficable between 45-90 min.
- Shrinkage compensated
- Economical repair, can be extended with aggregate for repairs more than 100mm
- Excellent strength gain at low temp
- Excellent bond strength
- No primer required
- Three grades of mortar to allow for traffic conditions

Usage

- Bedding and levelling of road iron work and highway furniture, bonding of granite sets and flags
- Rapid installation of manhole brickwork
- Emergency concrete road repair

Yield (per bag)	Bag Size
12.75ltr	25kg



■ webercem pyrapatch

webercem pyrapatch fast setting repair concrete for pavement patch or full-depth repairs.

- 5-20min. working time at 20°C
- Trafficable within 3 hours
- Shrinkage compensated
- Sulphate resistant
- Resistant to freeze/thaw action
- Winter work down to 5°C
- Non-reactive aggregates
- Extended with non-reactive 10mm granite aggregate for full depth repairs over 100mm
- Excellent strength gain at low temperatures, self priming
- Good compatibility with parent concrete
- Independently tested by NAMAS approved laboratory

Usage

- Small-scale, rapid concrete repairs, 25mm - 100mm
- Industrial floors, rapid repair of failed floor slabs
- Bridge deck repairs etc.

Yield (per bag)	Bag Size
12ltr	25kg



■ webercem pyratop

webercem pyratop rapid strength gain repair concrete for thin bonded pavement repairs.

- Complies with Highways Agency Specification HD27/04
- 25-30 min. working time at 20°C
- 45 minute set time at 20°C.
- Trafficable in 6 hours at 20°C and 18 hours at 10°C
- Shrinkage compensated
- Resistant to freeze/thaw
- Winter work down to 5°C
- Excellent abrasion resistance
- May be extended with non-reactive 10mm granite aggregate for full depth repairs over 75mm depth
- Excellent strength gain after 6 hours at low temp
- No special bonding agent required

Usage

- Industrial floors or failed floor slabs, parking decks and ramps, bridge deck repairs, jetty decks and slipways to coastal areas and loading bays

Bag Size
25kg



■ webertec force carbon sheet

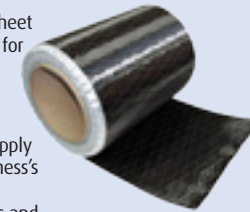
webertec force carbon sheet high performance sheet for structural strengthening.

- High strength to weight ratio
- Lightweight, easy to apply
- Minimal applied thickness's
- Corrosion resistant
- Very flexible for details and easy to mould in situ around complex shapes
- Two grades of carbon fibre enabling selection in design
- Factory produced with consistent mechanical properties
- Small, easy-to-handle rolls allowing precise location and embedment
- Unidirectional fibres allowing utilisation of high strength fibres
- Special widths can be manufactured for specific projects

Usage

- Columns, beams, chimneys, silos and tunnels

Roll Size
50m x 300mm



Concrete Repairs

■ webertec force aramid sheet

webertec force aramid sheet reinforcement sheet for structural strengthening.

- Lightweight compared with traditional techniques
- High-strength when compared to traditional methods such as steel plates and member enlargement
- Tolerant to damage and impact resistant
- Non-conductive material
- Factory produced with consistent mechanical properties
- Uni-directional fibres allowing utilisation of high strength fibres

Usage

- Bridge columns, bridge piers, silos and towers

Roll Size
100m x 300mm



■ webertec force carbon plate

webertec force carbon plate high strength carbon fibre plate reinforcement for structural strengthening.

- High strength and high modulus of elasticity
- High performance lightweight alternative to concrete or steel
- Various strengths and modulus available for selection
- No corrosion, excellent durability and min maintenance
- Range of dimensions for designer to choose from
- Available in any length
- Excellent behaviour in fatigue
- Various widths can be made for specific projects

Usage

- Reinforced concrete beams, columns and walls
- Floor slabs to buildings and car parks
- Bridge decks, culverts and retaining walls

Roll Size (available any length)
150m rolls



Concrete Repairs

■ webertec force glass sheet

webertec force glass sheet alkali resistant sheet for impact resistance and containment reinforcement.



- Low-modulus fibre allows larger deformation leading to redistribution of the tension force
- Containment fabric preventing loss of section during deformation
- Versatile and easy to handle
- Lightweight and easy to apply
- Flexibility in applying the sheet allows it to be moulded around different shapes
- Easy to handle and easy to cut to shape on site

Usage

- Bridge columns, car parks and masonry buildings

Roll Size

50m x 680mm



■ webertec force EP bonding adhesive

webertec force EP bonding adhesive for webertec force composite sheets.



- High initial adhesion to bond composite sheets
- Once hardened is resistant to water, diluted acids, saline solutions and oils
- Resistant to constant and varying temperatures
- Allows transfer of stress to the individual fibres in the composite sheet
- Easy to mix and apply

Usage

- Bonding adhesive for carbon fibre, glass fibre sheets and aramid sheets
- A component of webertec force composite strengthening system

Yield (per pack)

5ltr

Pack Size

5.5kg



■ webertec force EP primer

webertec force EP epoxy primer for webertec force composite sheets.



- Develops excellent bond strength to prepared substrate
- Easy to mix and apply
- Will stabilise surfaces allowing work to proceed on marginally weak surfaces

Usage

- Epoxy primer for carbon fibre, glass fibre and aramid sheets
- To stabilise weak surfaces prior to strengthening
- A component of webertec force composite strengthening system

Yield (per pack)

5.5ltr

Pack Size

5.5kg



■ webertec force EP structural adhesive

webertec force EP moisture tolerant epoxy adhesive for structural bonding applications.



- Excellent cohesive bond to prepared surfaces
- Good adhesion to concrete, steel, timber, glass, rubber and carbon fibre
- Negligible shrinkage on curing
- Moisture tolerant for all year round work
- Can be used in conjunction with CD 371 and TR55

Usage

- Adhesive for structural bonding, external steel plate bonding and webertec force carbon plate composite
- Jointing of precast segmental bridge units
- Adhesive for bonding rubber bearing pads for highways and railways

Yield (per tub)

2.9ltr

Tub Size

5kg



Grouts and Anchoring

The key requirement for a grout is to fill a void and keep it filled indefinitely. A hardened grout should be in permanent contact with the underside of machine or baseplate, etc, to ensure loads are evenly transferred to foundations. Simple grouts of sand and cement with no compression for shrinkage make it difficult to achieve complete and permanent contact therefore it is essential to use pre-bagged multi ingredient products designed for specific applications.



■ Fosroc® Conbextra BB92

Conbextra BB92 is an ultra-high performance grout specifically designed for structural grouted connections for wind turbine foundations and oil and gas installations.

- Non-shrink
- High flexural strength and modulus elasticity without the addition of fibres, enhancing the flow characteristics of the grout
- Quick return to service and removal of temporary supports due to high early strength build-up, even at low temperatures
- High fatigue resistance
- Suitable for pumping or pouring over a range of applications
- No segregation or bleeding to ensure consistent final physical performance and to prevent pump blockages



Yield	Bag Size
12ltr	25Kg



■ Fosroc® Conbextra GP

Conbextra GP general purpose cementitious grout is used where it is essential to eliminate shrinkage when completely filling the void between a base plate and a substrate, for gap thickness up to 100mm.

- Gaseous expansion system compensates for shrinkage
- No metallic iron content to cause staining
- High early strength
- Chloride free
- High ultimate strength and low permeability ensure the durability of the hardened grout



Usage

- Grouting of a stanchion base plate
- Anchoring a wide range of fixings masts, anchor bolts etc.

Yield	Bag Size
12ltr	25Kg



■ Fosroc® Conbextra BM

Single component cementitious high strength bedding mortar supplied as a ready to use dry powder, and only requires the addition of clean water. Conbextra Bedding Mortar is a blend of Portland cements, chemical additives and graded aggregates.

- Non-shrink, high strength
- Chloride free
- Smooth finish
- Easy to use no priming required
- Pre-blended to overcome site batching variations
- Low wastage due to ability to mix part packs
- Rapid strength gain



Usage

- The structural bedding in of precast modular concrete units

Yield	Bag Size
12ltr	25Kg



■ Fosroc® Conbextra EPR

Conbextra EPR is for grouting gap thickness from 10 to 120 mm. A three-component epoxy resin conforming to the requirements of BS EN1504-3 and BS EN 1504-6 Anchoring of reinforcing steel.

- Low creep characteristics under sustained loading
- Resistant to repetitive dynamic loads
- Non-shrink, ensuring complete surface contact and bond
- High compressive, tensile and flexural strengths
- Fast, convenient installation with rapid strength gain
- Chemical resistant



Usage

- Reciprocating machinery, testing equipment, heavy crane and transporter rails, high speed turbines, centrifuges, drop forges, electroplating and chemical plants and anchoring of steel bars

Pack Size
15ltr base, hardener and filler



■ Fosroc® Conbextra HF

Conbextra HF high-flow, non-shrink, cementitious grout supplied as a ready to use powder conforming to the requirements of BS EN 1504-3 Class R4 and BS EN 1504-6. A free-flowing grout for gap thickness up to 100mm.

- Non-shrink
- Highly flowable
- High early age strength
- Chloride free
- Suitable for pumping
- Conbextra HF complies with LU Standard 1-085 'Fire Safety Performance of Materials'



Usage

- Large stanchion baseplates
- Joints between pre-cast concrete panels
- Anchoring of reinforcing steel bars
- Installation of tie bars

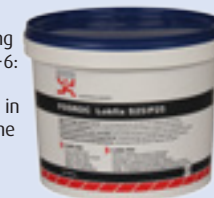
Yield	Bag Size
13.25ltr	25Kg



■ Fosroc® Lokfix S25

A two component polyester resin anchoring grout meeting requirements of BS EN 1504-6: anchoring of reinforced steel bars. Pourable grade, for use in vertical down holes where the hole is 8 to 40mm greater in diameter than the bar.

- Easy to mix and apply
- Rapid strength gain
- Vibration resistant
- Corrosion resistant
- Non-expansive
- Can be placed underwater
- Increased flowability



Usage

- Installation of starter bars
- Base plate bolts, MOT Bolts
- Installation of balustrades, barriers and safety fences and tie bars

Tub Size
2.5ltr



■ Fosroc® Conbextra TS

Conbextra TS high-flow, non-shrink, cementitious grout supplied as a ready to use powder conforming to the requirements of BS EN 1504-3 Class R4. A free flowing grout for gap thickness 75 to 500mm.

- Non-shrink
- High strength
- Chloride free
- Can be pumped or poured
- Suitable for thick sections



Usage

- Stanchion baseplates where a large gap is present
- Joints between pre-cast concrete panels
- Filling box sections

Yield	Bag Size
12ltr	25Kg



■ Fosroc® Lokfix E77

Lokfix E77 is for large and heavy duty anchoring into cracked and un-cracked concrete. Also suitable for anchoring heavy duty rebar. It has industry leading strength and low partial safety factors with a design life tested up to 100 years. Applied with 3:1 application gun. May be used in dry, damp and flooded conditions. Comes with industry leading accreditation and design software.

- High Bond strengths for heavyweight fixings or economical design
- No mixing equipment required
- Does not apply expansive force to the substrate
- Fixings can be spaced closer together than mechanical anchors



Usage

- Accredited for use in dry, wet and flooded concrete substrates, internal and external
- Cracked concrete
- Post installed reinforcement and tension anchors

Cartridge Size
440ml



Grouts and Anchoring

Flexcrete Monopour PG and PC6

Monopour shrinkage compensated, waterproof, polymer modified, pourable grout (PG) or micro concrete (PC6) excellent flow properties.

- Latest proven cement chemistry, microsilica, fibre and styrene acrylic copolymer technology
- Application by Pump, Pourable or Trowel
- Available in two grades – a free-flowing grout and a micro-concrete
- Thickness 5 - 100mm (PG) 50 - 200mm (PC6)
- Rapid curing, high early strength
- Non-shrink, free flowing
- Easily overcoated with specialist membranes

Usage

- Large areas of concrete repair and heavy duty applications beneath base plates, plinths and stanchion bases



Code	Size
12.5ltr (PG)	25kg
12.2ltr (PC6)	?????????kg

SikaGrout® 111 GP

SikaGrout® 111 GP is a one part flowable shrinkage compensated general purpose cementitious grout. Meets the requirements of EN 1504-6: Anchoring of reinforcing bars.

- Easy to use (ready to mix powder)
- Pre-batched for quality
- Just add water
- High compressive strength gain
- Easy to mix and apply
- Contains no chloride admixtures
- Shrinkage compensated
- Fire rating and protection properties comparable to concrete
- Pump or pour applied

Usage

- Under stanchion plates
- Filling cavities, voids, gaps and recesses
- Sealing around penetrations
- Machine and base plates
- Post fixings
- For exterior and interior use



Yield	Bag Size
13ltr of mortar	25kg



Sika® L2 High Flow

Sika® L2 High Flow is a one part, high flow, rapid strength cementitious grout.

For precision, high performance, grouting. Repairing concrete structures and filling voids.

- High strength
- Shrinkage compensated
- High flowability retention
- Durable
- Non metallic
- Impressive track record
- Quality assured factory blend
- Chloride free
- >40 N/mm² in 24 hours

Usage

- Machine bases, structural steelwork, etc.
- Steel reinforcement anchoring

Yield	Bag Size
13.5 litres	25kg



SikaGrout® 3200

SikaGrout® 3200 is a 1-part, cementitious, fast hardening free flowing grout which is shrinkage compensated and achieves high early and final strengths. Specifically designed for onshore steel wind tower structural filling of joints and under grouting base plates.

- Fast early strength development
- High final strength
- Fluid consistency
- Can be pumped
- Shrinkage compensated
- Usage thickness 10 to 200 mm
- High adhesion to concrete

Usage

- High performance precision grouting of horizontal joints for onshore steel and precast concrete wind towers

Yield	Bag Size
12ltr of mortar	25kg



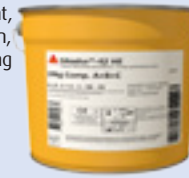
Sikadur® 42 HE

Sikadur® 42 HE three-component, high performance, high precision, moisture tolerant, epoxy grouting system. Used at temperatures between +5°C and +30°C.

- High early strength and fast curing
- Also applicable at low temperatures
- Ready-to-mix,
- Moisture tolerant.
- Non-shrink
- Corrosion and chemically resistant
- Stress and impact resistant
- High compressive strength
- High vibration resistance

Usage

- Fixing / grouting starter bars, anchors, fasteners, tie rods and crash barrier posts
- Under-grouting and bedding of machine bases, seat base-plates, road/ bridge joints etc.



Tin Size
24kg

Sika® Parex Speedsure S Grout

Parex Speedsure S Grout is a Portland cement based product giving high strength, good flow and non-shrink properties. Develops compressive strength giving 25N/mm² in 2 hours.

- Easy to use, add water
- Quick setting
- High early compressive strength
- Rapid return to service
- Non-Shrink
- Suitable for marine or tidal zones

Usage

- Repairs to car parks, forecourts, loading bays and ramps that require early trafficking
- Factory floor repairs, ruts, hollows and cracks
- Marine / tidal zones
- Fast-track installation of pre-cast units and base plates



Yield	Bag Size
12ltr	25kg

Grouts and Anchoring

Sika® AnchorFix® 2

Solvent and styrene-free, epoxy acrylate based, 2-component anchoring adhesive for normal / moderate climate conditions.

- Fast curing
- Standard gun Usage
- High load capacity
- ETA to ETAG 001 for anchoring in concrete and for rebar connections
- Suitable for cracked concrete
- Drinking Water certified
- LEED Attestation available
- Non-sag, even overhead
- Styrene-free
- Suitable in wet / damp (but clean) holes.
- Marine environments

Usage

- Rebars / reinforcing steel, threaded rods and bolts and special fastening systems
- Concrete, solid masonry, steel, hard natural stone and Solid rock



Cartridge Size
300ml

Sika® Parex® 100 Newton Grout

Parex 100 Newton Grout is a one-part, ultra high strength grout. The mix design includes special shrink-age compensating components, which give a non-shrink grout in both the plastic and hardened states. Powerful plasticising agents produce a highly flowing grout at low water content.

- Ready for use, add water
- Exceptional structural support and vibration resistance
- Shrinkage compensated
- Very high strength gain after 24 hours
- Excellent freeze-thaw salt resistance
- Used safely in contact with steel

Usage

- Crane rails, stanchion bases, vibrating machinery bed plates, ground anchors and bridge bearing seats
- Wind turbines and offshore structures



Yield	Bag Size
12.5ltr	25kg

■ Sika® Parex® Cable Grout

Parex Cable Grout is a one-part, cementitious, fluid flowing grout which will penetrate and fill fine voids within and around the cables then harden without shrinkage to give a high strength product. The grout contains a powerful corrosion inhibitor to protect the cables.

- Shrinkage compensated
- High early compressive strength
- Excellent flowability
- Contains corrosion inhibitors
- CARES Approved

Usage

- Cable ducts, voids and fine fissures
- Support of cable anchor plates and ground anchors
- Behind shafts and tunnel linings
- Underpinning, loose floor and road slabs



Yield	Bag Size
13ltr	20kg



■ Sika® Parex® Tecfast Concrete

Parex Tecfast Concrete cement based, one component, rapid setting, shrinkage compensated repair concrete.

Parex Tecfast Concrete is suitable for all concrete works where early strength development is required to allow early use of the placed sections.

- Suitable for use in exposure classes: X0, XC4, XS3, XD3, XF1, XA1
- Rapid setting, high early strength gain
- 20 - 650mm Usage thickness
- Good chemical resistance
- No special curing required

Usage

- Repairs to accept foot and vehicular traffic
- New and reinstatement of pavement areas
- Repairs to roadways and runways
- Structural support



Yield	Bag Size
11.5ltr	25kg



■ Sika® Parex® E33 Epoxy Grout

Parex E33 Epoxy Grout is part of the Parex E Epoxy grout range which cover a wide range applications and void thicknesses.

Parex E33 Epoxy Grout is a three component, high performance, precision, epoxy grouting system. Suitable for placing at temperatures between 5°C and 45°C.

- High early strength and fast curing
- Applicable at low temperatures with Parex E33 winter additive
- Ready to mix, non-shrink
- Corrosion and chemically resistant
- Stress and impact resistant
- High compressive strength
- Good creep resistance

Usage

- Machinery base plates, crane rail tracks, bridge bearings, compressors, pumps and reciprocating machinery
- High impact loads



Yield	Bag Size
14.75ltr	28.5kg



■ Sika® Parex® E20 Epoxy Grout

Parex E20 Epoxy Grout is part of the Parex E Epoxy grout range cover a wide range applications and void thicknesses.

Parex E20 Epoxy Grout is a 3 component, high performance, precision, epoxy grouting system. Suitable for placing at temperatures between +5°C and +45°C.

- High early strength and fast curing
- Applicable at low temperatures with Parex E33 winter additive
- Ready to mix, non-shrink
- Corrosion and chemical resistant
- Stable against seawater & petroleum products
- Stress and impact resistant
- High compressive strength

Usage

- Machinery base plates, crane rail tracks, bridge bearings, compressors and pumps
- Reciprocating machinery
- High impact loads
- Space filling and stress transfer



Yield	Bag Size
12.5ltr	24.57kg



■ Sika® Parex® E200 Epoxy Grout

Parex E200 Epoxy Grout is part of the Parex E Epoxy grout range cover a wide range applications and void thicknesses.

Parex Epoxy 200 Grout is a 3 component epoxy resin based anchor grout with high flow properties capable of placing in annular gaps 2 mm to 12 mm.

- High early strength and fast curing
- Applicable at low temperatures with Parex E33 winter additive
- Thin section grouting possible with no loss in strengths
- Ready to mix, non-shrink
- Corrosion and chemical resistant
- Stable against seawater & petroleum products
- Good resistance to most chemicals

Usage

- Machinery base plates, rail tracks, starter bars and dowels
- Safety fences and balustrades
- Reciprocating machinery
- High impact loads



Yield	Bag Size
0.65ltr	1kg



■ Sika® Parex® E140 Epoxy Grout

Parex E140 Epoxy Grout is part of the Parex E Epoxy grout range cover a wide range applications and void thicknesses.

Parex E140 Epoxy Grout is a 4 component, high performance, precision, epoxy grouting system. Suitable for placing at temperatures between +5°C and +35°C.

- High early strength and fast curing
- Applicable at low temperatures with Parex E33 winter additive
- Ready to mix, non-shrink
- Corrosion and chemical resistant
- Stress and impact resistant
- High compressive strength

Usage

- Machinery base plates, crane rail tracks, bridge bearings, compressors and pumps
- Reciprocating machinery
- High impact loads



Yield	Bag Size
18.75ltr	38.9kg



■ Sika® Parex® E70 Epoxy Grout

Parex E70 Epoxy Grout is part of the Parex E Epoxy grout range cover a wide range applications and void thicknesses.

Parex E70 Epoxy Grout is a 4 component, high performance, precision, epoxy grouting system. Suitable for placing at temperatures between +5°C and +45°C.

- High early strength and fast curing
- Applicable at low temperatures with Parex E33 winter additive
- Ready to mix, non-shrink
- Corrosion and chemical resistant
- Stress and impact resistant
- High compressive strength
- Good creep resistance

Usage

- Machinery base plates, crane rail tracks, bridge bearings, compressors and pumps
- Reciprocating machinery
- High impact loads



Yield	Bag Size
16.75ltr	33.8kg



■ Sika® Parex® Dry Pack C

Parex Dry Pack C is a one component, cementitious mortar containing special shrinkage compensating components.

- Easy to mix and apply
- Shrinkage compensated
- Vertical and horizontal Usage
- Chloride free
- Suitable for voids up to 100mm
- Negates the need for shuttering, saving time and cost
- External and interior use.

Usage

- All dry packing Usages
- Support of precast concrete units



Yield	Bag Size
12ltr	25kg



Grouts and Anchoring

■ Sika® Parex® CS Grout

Parex CS Grout is a Portland cement based product giving high strength, good flow and non-shrink properties. Placed grout gives structural support and good vibration resistance.

- High strength
- Non shrink
- Chloride free
- Low water absorption
- Resistance to sea water and mild alkali attack

Usage

- Crane and transport rail tracks, stanchion bases, machine and turbine bed plates
- Ground anchors, starter bars and bolts
- Bridge bearing supports
- Bedding precast concrete units

Yield	Bag Size
13.25ltr	25kg



■ webercem advanced precision grout SP (Five Star Grout)

webercem advanced precision grout SP shrinkage compensated highly flowable precision grout.

- Complies with HE Specification Clause 2601.4 at 5°C and 20°C
- Precision grout suitable for use over a range of temperatures and site conditions
- Pumped, poured or trowelled
- Thermal expansion similar to that of good quality concrete
- Excellent flow properties
- Applied in thickness's from 10mm to 100mm
- Does not significantly lose workability during pot life
- High initial and long term strength development

Usage

- Under machinery and stanchion plates
- Grouting rails and bridge bearings, fixing bolts, underpinning and void filling

Yield (per bag)	Bag Size
14ltr	25kg



■ webercem advanced precision grout

webercem advanced precision grout shrinkage compensated flowable precision grout.

- Non-shrink by early volume change of cementitious mixtures
- Volume expansion when unrestrained is more than 1.0%
- Suitable for use over a range of temperatures and site conditions
- Can be pumped, poured, trowelled or dry packed
- Thermal expansion similar to that of good quality concrete
- Good flow properties
- Applied in thickness's from 10mm to 100mm
- Does not significantly lose workability during pot life

Usage

- Under stanchion plates and machinery (static loads only)
- Grouting bearings, precast units, floors etc.
- Anchor bolts, ballustrades, crash barriers, starter bars
- Underpinning and void filling

Yield (per bag)	Bag Size
14ltr	25kg



■ webercem grout eco

webercem grout eco general purpose, 'non-shrink' cementitious grout.

- For use over a temperature range of between 5°C and 25°C
- Can be pumped, poured, trowelled or 'dry-packed'
- Good flow properties
- Thickness's from 10 to 100mm
- Factory blended to eliminate on-site errors
- Complies with BS EN 1504-3 and -6
- Does not contain metallic additives (iron or aluminium)

Usage

- Grouting under stanchions and baseplates
- General void filling, under paving, in rubble walls etc, Ballustrades, starter bars, barriers and underpinning

Yield (per bag)	Bag Size
13.75 - 14.5ltrs	25kg



Grouts and Anchoring

■ webertec anchor grout

webertec anchor grout fast set polyester resin compound for anchoring and fixing.

- Comforms with BS EN 1504-6
- Fast setting action with rapid strength gain allows loads to be applied within 2 hours
- Easy to mix and place
- Fixing cannot be vibrated out
- Economical fixing compared with mechanical fixings
- Stronger than concrete in one hour
- Can be part mixed
- Fixes to concrete, brickwork and stone

Usage

- Vertical anchorage of bolts and fixings to building and civil engineering work, fixings to concrete structures and anchor dowel bars to pavements and slabs

Yield (per tub)	Tub Size
12ltr	2.5ltr



■ webertec EP pourable grout

webertec EP pourable grout high-strength better flowing chemically resistant grout.

- Complies with BS EN 1504-3 and -6
- Capable of withstanding high dynamic loads
- High compressive and tensile strength
- Very good chemical resistance
- Cure within the temperature range 5°C to 35°C
- Negligible shrinkage factor allows use for underplate or rail grouting
- Grout remains in contact with the underside
- Can be placed in much thinner sections than cementitious grouts

Usage

- Bearings, starter bars, dowels, balustrading, crane rails, machine baseplates and setting-in bolts
- Fixing runway lights
- Situations where tight clearances add to the difficulties of obtaining secure fixings

Yield (per pack)	Pack Size
14ltr	25kg



■ webertec cable grout

webertec cable grout fast setting pourable grout for filling cable slots.

- Easy to mix and place
- Does not segregate or bleed
- Rapid setting for quick return to service
- Can be used in cold weather down to 5°C
- Good abrasion resistance
- Excellent chemical resistance
- Available in black

Usage

- Runway airport lighting
- Taxiways and hardstanding
- Communication cables in sawn slots

Yield (per pack)	Pack Size
11ltr	19.5kg



■ webertec EP TAG

webertec EP TAG high strength anchoring for horizontal bars or bolts.

- Complies with BS EN 1504:6
- Quick and easy cartridge loading with mixed material
- Easy to mix and place
- Very high strengths - approximately 60 N/mm² at 4 days
- Minimal shrinkage - when used in anchoring, the grout remains in contact with all faces of the hole and fixing
- Injection of larger cracks in concrete or brickwork where low viscosity resins are not appropriate
- Able to withstand dynamic and cyclic loading on bolts

Usage

- Dowel bars, starter bars, threaded studding and bolts
- Reinforcement in structural brickwork
- Sealing and gap filling

Yield (per pack)	Pack Size
4ltr	6.4kg



Grouts and Anchoring

■ webertec grout FG

webertec grout FG fast setting, high-strength flowing grout.

- Fast-setting with rapid strength gain, allowing loads to be applied within 2 hours at 20°C
- Available in standard and rapid grades depending upon temperature
- Excellent adhesion to concrete and asphalt substrates
- Can be bulked out for varying gap sizes, 5mm - 90mm
- Proven technology with reliability
- Over 30 years experience worldwide

Usage

- Fixing airport lighting units
- Fixing vertical bolts, starter bars and dowels
- Grouting anchor bolts and holding down bolts

Pack Size

23.3kg



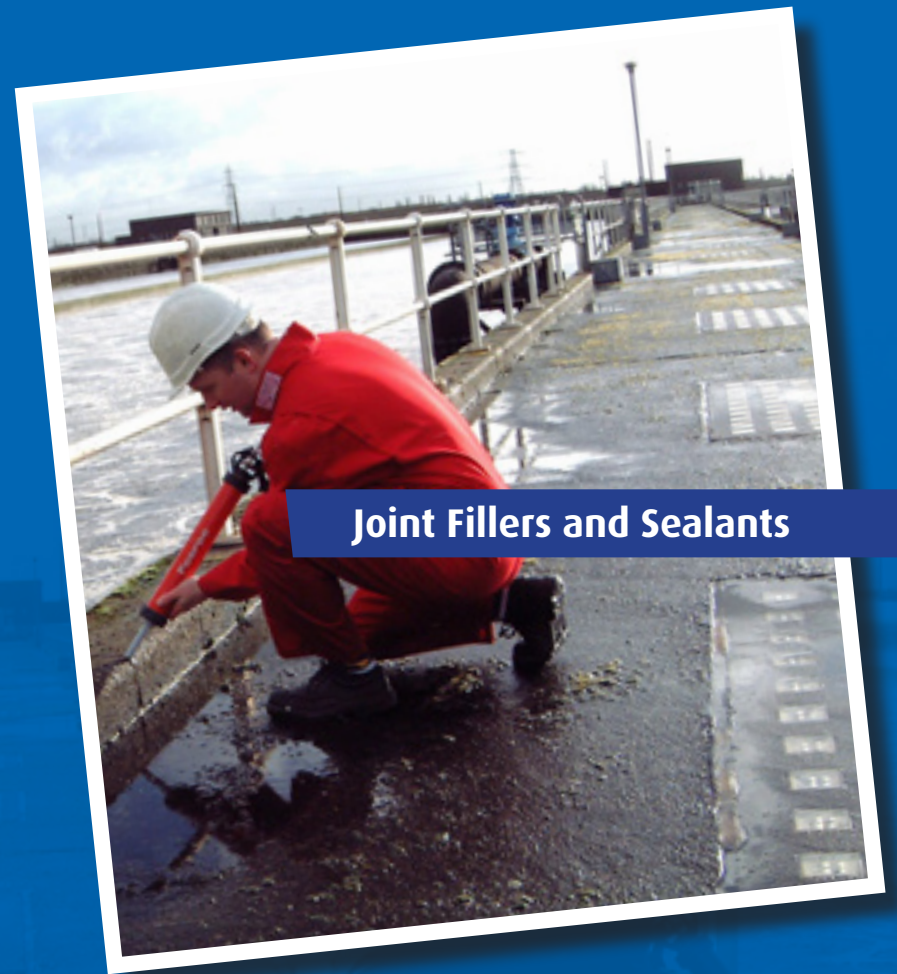
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Joint Fillers and Sealants

Joints in a structure occur for a number of reasons i.e. day joints, natural barriers in construction (damp courses, transitions from brick to blockwork), around window frames and where gaps are designed to accommodate thermal movement and settlement of the foundations.

To prevent cracks from appearing, joints need proper consideration when designing a building. Any joint that may be penetrated by wind, dirt, water or vapour will need to be sealed with a joint sealant.

Nationwide Depots



Joint Fillers and Sealants

■ ARBO® Membrane Adhesive

Arbo Membrane Adhesive is a one part moisture curing, solvent free adhesive based on modified polymer technology.

- Good initial grab to a variety of common construction substrates with high bond strength and good flexibility
- Apply in 8mm beads 25mm apart to one substrate only then press the membrane onto the Membrane Adhesive with a suitable application tool (roller, tooling stick etc.)

Usage

- Bonding Arbo EPDM and other membranes including Butyl sheeting to aluminium
- Site applications and factory work
- For porous substrates Arbo Primer 2650 is recommended

Size

600ml foil pack

ARBO®



■ ARBO® Facade Membrane

Arbo EPDM façade membrane BS-1 uses Arbo façade membrane with the addition of butyl strip for easy and clean application to timber and composite frames.

Usage

- Perimeter weather sealing between windows and structure
- Helps the building achieve document L for energy performance and carbon emissions

Sizes

Lengths	20m
Widths	100mm to 500mm in 50mm increments
Thickness	0.75mm

ARBO®



■ ARBO® Arbosil 1070

Arbosil 1070 is a one part Low Modulus Fire Resisting Silicone Sealant which cures on exposure to moisture vapour to form a very elastic silicone rubber. Arbosil 1070 has good adhesion to concrete, brickwork, metals and many other common construction substrates.

- Colours Black and Grey

Usage

- Perimeter sealing of Fire Doors & Screens
- High Movement Fire Resistant, 4 Hours Fire Integrity
- Fire Retardant Glazing in conjunction with Arboseal Intumescent Tape

Cartridge Size

380ml

ARBO®



■ ARBO® Arbosil 1090

Arbosil 1090 is a one part Low Modulus Neutral Cure Silicone Sealant which cures on exposure to moisture vapour to form a very elastic silicone rubber. Arbosil 1090 has good adhesion to concrete, brickwork, metals and many other common construction substrates.

- Range of colours available, Grey, Black, Buff, Dark Bronze, Portland, Pine and Rustic Red
- Joint width minimum 6mm maximum 25mm (single application)
- UV and Chemical resistant

Usage

- Curtain walling, remedial perimeter sealing, structural joints in light & heavy cladding
- Profiled metal roof sheets, joints in flat roofs, gutter joints and joints in brickwork

Cartridge Size

380ml

ARBO®



■ ARBO® Arbokol 1000

Arbokol 1000 is a one part polysulphide sealant which cures on exposure to moisture vapour to form a firm but flexible rubber.

- Range of colours available, Black, Grey, Teak and White
- Joint width minimum 6mm maximum 25mm
- UV and Chemical resistant

Usage

- Structural joints in heavy cladding
- Perimeter sealing of timber windows

Cartridge Size

380ml

ARBO®

■ ARBO® Arbosil HM

Arbosil HM is a One-part Acetoxo Cure Silicone Sealant, which cures rapidly on exposure to moisture vapour to form a resilient elastic silicone rubber. All colours contain a fungicide to help reduce the incidence of mould growth. Bonds well to acrylic, ceramic, metal, glass and laminate surfaces, and will not discolour during its service life.

- Range of colours available, White, Translucent, Black, Aluminium and Jasmine
- Joint width minimum 6mm maximum 25mm (single application) 35mm (multiple applications)
- UV and Chemical resistant

Usage

- Sealing of sanitary ware, showers, baths and sinks

Cartridge Size

380ml

ARBO®



Joint Fillers and Sealants

■ ARBO® ArboMeric MP20

ArboMeric MP20 is a one part high modulus modified polymer sealant which cures on exposure to moisture vapour to form a tough but elastic rubber.

- Colours, Black, Grey and White
- Joint width minimum 6mm maximum 25mm (single application) 35mm (multiple applications)
- UV and Chemical resistant

Usage

- Structural joints in heavy cladding
- Structural movement joints in floors and heavily trafficked areas

Cartridge Size

380ml

ARBO®

■ ARBO® Arbosil LMS

Arbosil LMS is a one part Neutral Cure Silicone Sealant which cures on exposure to moisture vapour to form an elastic silicone rubber.

- Range of colours available, White, Black, Grey, RAL 7016, RAL 7022, Light Grey, Anthracite, Brown, Buff, Dark Bronze, Portland, Rustic Red and Magnolia
- Joint width minimum 6mm maximum 25mm (single application) 50mm (multiple applications)
- UV and Chemical resistant

Usage

- Joints in translucent roofing sheets
- MVP glazing & heel bead methods of glazing double glazed units
- Remedial glazing
- Perimeter sealing of UPVC frames

Cartridge Size

310 and 380ml

ARBO®

Comprehensive stock

Competitive prices

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Nationwide Depots



Joint Fillers and Sealants

■ ARBO® Arbothane 1245

Arbothane 1245 is a one part Polyurethane Sealant which cures on exposure to moisture vapour to form a tough but flexible rubber. Arbothane 1245 has good adhesion to concrete and many common construction substrates.

- Colour Grey
- Joint width minimum 6mm maximum 25mm (single application)
- UV and Chemical resistant

Usage

- Floor joints, expansion joints and structural cladding applications

Size

600ml foil pack

ARBO®



■ ARBO® Caulking Guns

Arbo supply a range of Caulking Guns to suit all needs. Sold individually.

- Skeleton Gun
- Professional Gun 12:1 Ratio
- Hand Barrel Gun XL Steel including Nozzles
- Air Operated Gun
- Nozzles

Gun Sizes

310ml, 380ml and 600ml

ARBO®



■ Fosroc® Colpor 200PF

Colpor 200PF is a two-component cold applied, high performance, pavement joint sealant, conforming to the requirements of BS EN14188-2:2004 and BS5212 Part 1:1990.

Colpor 200PF is flow applied into the joint either directly from the can or using a sealant gun. It retains movement accommodation of 25% on butt joints throughout the extremes of temperature and does not harden in cold weather nor become excessively soft, or pick up in hot conditions.

- High movement accommodation
- Cold applied - no heating equipment required
- Fuel, oil and hydraulic fluid resistance
- Jet blast resistant

Usage

- Concrete runways and hard-standings and areas where fuel spillage is likely

Pack Size

2 x 5ltr units, hardener and base



■ Fosroc® Hydrocell

High performance, cross linked, closed cell, non-absorbent, polyethylene joint filler.

- Cross linked to resist lateral and hydrostatic pressure
- High density support of sealant to prevent adhesion failure
- Non absorbent closed cell structure
- High compression recovery
- Non-extruding
- Low load transfer to joint edges
- Non tainting
- Chemically resistant
- Natural bond breaker
- Rot proof

Usage

- Forming expansion joints in concrete, brickwork and blockwork
- Used for water retaining or water excluding structures

Sheet Size

1m x 2m

Thickness

10, 15, 20 & 25mm



Comprehensive stock

Competitive prices

Call your local depot

Joint Fillers and Sealants

■ Fosroc® Expandafoam Cord & Strip

Expandafoam is a closed-cell polyethylene joint filler for use as an expansion joint filler in brick and blockwork, isolation joints and hinge joints where a readily compressible low load transfer joint filler is required.

Cord and strip sections are used as back-up strips for elastomeric sealants.

- Readily compressible
- Low load transfer
- Excellent recovery after compression
- Non-absorbent
- Rot-proof
- CFC-free

Usage

- Back-up / bond breaker strip to support sealants
- Bridge decks, abutments, pier hinge joints
- Brick and blockwork in building superstructures

Cord Sizes

12mm x 750m
15mm x 550m
20mm x 350m
25mm x 200m
30mm x 160m
40mm x 270m
50mm x 180m

Strip Sizes

10mm x 100mm x 15m
10mm x 150mm x 15m
12mm x 100mm x 15m
20mm x 150mm x 15m
20mm x 200mm x 15m

Expandafoam Strip

Expandafoam Cord



■ Fosroc® Expoband H45

Expoband H45 is a high performance Flexible Polyolefin (FPO) based membrane for sealing joints. It can be joined by hot welding. It is bonded to the structure on both sides of the joint using Nitomortar TC2000 two-part epoxy adhesive. Expoband H45 is available in various thickness and widths.

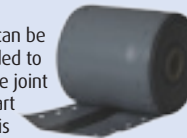
- Accommodates continuous and pronounced cyclic movement
- Excellent resistance to weathering
- Waterproof and chemically resistant for joints above and below ground
- Perforations in outer edges form a locking mechanism

Roll Sizes

1mm x 100mm x 20m
1mm x 150mm x 20m
1mm x 200mm x 20m
2mm x 100mm x 20m
2mm x 150mm x 20m
2mm x 200mm x 20m

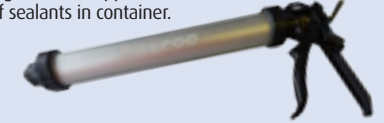
Usage

- Bonding over movement joints or cracks in structures to prevent the passage of water
- For use in new construction and repair / remedial applications



■ Fosroc® 'G' Gun

Sealant gun for the application of different types of sealants in container.



Gun Size

600ml



■ Fosroc® Equipment Cleaner

Solvent based solution for cleaning tools and equipment immediately after use. Can also be used to clean oil and grease from the substrate.

Tin Size

5ltr



Joint Fillers and Sealants

■ Fosroc® Flamex Fire Protection One & Two

Under fire conditions Flamex One and Flamex Two intumesce form a foam-like structure which insulates and provides a barrier to hot gas and flame.

Flamex One emulsion based sealant sets quickly and gives excellent adhesion to most building materials. It has a 10% movement accommodation factor for low movement joint sealing and gap filling applications such as fire door frames. Used in joints from 5 to 20 mm.

Flamex Two high performance sealant forms a tough, flexible rubber-like seal with a movement accommodation factor of 25% for high movement situations. Suitable for expansion joints in building superstructures used in both internal and external joints from 5mm up to 50 mm wide.

- Fire tested in accordance with BS 476 Pt:20: 1987
- Fire tested in overhead joints as well as in wall joints
- Over 4 and 5 hours insulation and longer integrity rating, depending on joint design
- Suitable for fire stopping of joints as defined by Approved Document B of the Building Regulations
- Prevents the passage of smoke through joints
- Effective as normal building sealants allows structural movement
- Flamex Two is resistant to a range of chemicals

Usage

- Fire protection in expansion and construction joints in walls, floors and ceilings, confining smoke and fire, giving extra time for people to escape from a fire



Flamex One	Flamex Two
380ml cartridge	2.5ltr tins

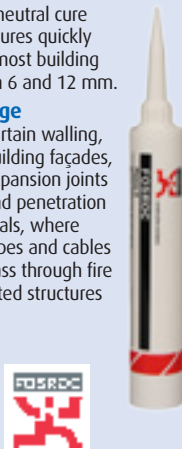
■ Fosroc® Flamex S Fire Protection

Flamex S one-part low modulus neutral cure fire rated silicone sealant which cures quickly and gives excellent adhesion to most building materials. Used in joints between 6 and 12 mm.

- Tested to BS 476 Part 22:1987 (ISO 834)
- Up to a 4 hour fire rating in specified joint and penetration
- 50% MAF allowing structural movement
- Meets BS 5889 Type A
- Prevents the passage of smoke through joints in fire conditions
- Acts as an acoustic sealant

Usage

- Curtain walling, building façades, expansion joints and penetration seals, where pipes and cables pass through fire rated structures



Cartridge Size
380ml

■ Fosroc® Primer 7

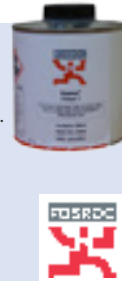
Primer 7 is a low viscosity one component solvent based priming system for concrete joints prior to the installation of Thioflex 600 joint sealants.

- Fast drying. Single component

Usage

- Concrete, brick, stone, and tile

Tin Size
500ml



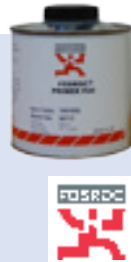
■ Fosroc® Primer P20

Primer 20 is a high performance single component chemically active, non-toxic liquid for brush application to prime porous surfaces.

For use with Fosroc products.

- Easy to apply with strong adhesion

Tin Size
500ml



Joint Fillers and Sealants

■ Fosroc® Primer 7E

Fosroc Primer 7e is a high quality two-part primer to prime surfaces of Thioflex 555 and 600 sealants.

- Applied with a brush
- Excellent adhesion
- In compliance with EN14188

Usage

- Concrete, stone, brickwork, timber and ceramic tiles

Tin Sizes
1ltr



■ Fosroc® Primer 19

Fosroc Primer P19 is a two part primer for concrete joint faces used in conjunction with Fosroc Sealants such as Colpor 200PF.

Usage

- Concrete roads, concrete runways and hard standings

Tin Sizes
750ml



■ Fosroc® Nitoseal Primer MS2

Nitoseal Primer MS2 primer is designed for priming before application of Fosroc Nitoseal sealant.

Two component solvent based epoxy resin primer.

- Easy to apply
- Strong adhesion

Product	Sizes
Primer MS2	500ml
Fosroc Solvent 102m	4ltr



Comprehensive stock

Competitive prices

Call your local depot

■ Fosroc® Nitoseal MBN2 & Nitoseal MB77

Hot-poured rubber bitumen horizontal joint sealant in two grades.

Nitoseal MBN2 - A low extension grade for sealing joints in concrete pavements, etc. Complies with BS 2499 :1993.

Nitoseal MB77 - A hard grade for sealing low movement joints in factory floors and areas where joints are closely spaced and where resistance to grit and traffic is of prime importance.

- Economic sealant for horizontal and inclined joints up to 1 in 20
- Resists dirt and ingress of grit associated with trafficked pavements
- Good adhesion to concrete and asphalt surfaces

Usage

- For sealing movement and construction joints in pavements and floor slabs
- Water retaining and water excluding structures

Size
15kg bags



Joint Fillers and Sealants

■ Fosroc® Nitoseal MB333

Nitoseal MB333 is a hot poured, high extension polymer modified bitumen sealant complying with the requirements of BS 2499 :1993 Type N1. Applied to a maximum joint size of 30mm width and 25mm depth. Movement accommodation factor of 25% in butt joints.

- Rapid return to service
- Resists dirt and ingress of grit associated with trafficked pavements
- Good adhesion to concrete and asphalt surfaces

Usage

- For the sealing and maintenance of joints in concrete roads and asphalt surfacing



Size

15kg bag

■ Fosroc® Nitoseal MB175

Nitoseal MB175 is a flexible rubber-bitumen joint sealant with excellent slump resistance. Stiffens to form a firm seal after application.

- Firm flexible weather resistant seal
- Excellent slump resistance
- Excellent immersed adhesion
- Compatible with asphalt or bituminous surfaces
- Unaffected by alkalis or sulphates
- Easily gunned
- Suitable for joints up to 40mm wide

Usage

- For sealing joints in flashings, guttering and sheet laps
- Part of the Proofex waterproofing system



Size

380ml cartridge

■ Fosroc® Nitoseal MS60

Nitoseal MS60 general purpose building sealant is a one part, low modulus sealant based on hybrid silyl modified polyether ("MS") technology.

- Adhesion to most common building materials
- Single component with fast rate of cure
- Easy to apply
- Can be applied to damp substrates
- Primer-less for most applications
- UV resistant and colour stable
- Performs as an acoustic sealant
- Available in a range of colours
- Environmentally friendly

Usage

- Sealing joints in concrete, brickwork, blockwork, perimeter sealing around doors and windows, and non-trafficked floor joints



Sizes

380ml cartridge

600ml sausage

■ Fosroc® Nitoseal MS100

Nitoseal MS100 is a tough, durable elastomeric joint sealant. It is based upon hybrid silyl modified polyether technology.

- Will not stain masonry, marble or other surfaces
- Excellent adhesion to most common building materials
- Can be applied to damp substrates
- Highly flexible
- Low odour, environmentally friendly
- Low modulus and high movement capabilities
- Excellent UV and weather resistance
- Performs as an acoustic sealant

Usage

- Formulated for stain-free sealing of joints in and around concrete, brick, masonry, pre-cast panels, stone cladding, windows, doors and fibre cement sheeting



Sizes

600ml sausage

380ml cartridge

Joint Fillers and Sealants

■ Fosroc® Nitoseal MS300

Nitoseal MS300 is gun applied between 6mm and 20mm wide, for trafficked joints (up to 40mm non-trafficked). In most cases it is recommended to form a sealing slot with a square cross-section, to a minimum 10mm depth. To ensure the sealant operates within its stated movement capacity, sealing slot widths should be designed in accordance with recommendations of BS6093.

- Suitable for forklift truck traffic
- Suitable for saw cut and perimeter joints
- Abrasion resistant
- Withstands vehicular traffic
- Single component
- Fast rate of cure
- Easy to apply at low temperature
- Can be applied to damp substrates
- Primer-less for most applications
- Hard, but flexible sealant, resists vandalism

Usage

- Factory floors sports stadia terracing, shopping centres, warehouse and distribution depots, concrete hardstanding areas and prisons



Size

600ml sausage

■ Fosroc® Nitoseal MS600

One part, engineering sealant for immersed conditions applied to joints between 5 and 35mm wide.

- Approved for use in contact with potable water
- Meets key international standards
- Resistant to aerobic and anaerobic bacteriological attack
- Exhibits excellent water resistance
- Excellent resistance to dilute acids and alkalis
- Cures to a tough, elastic rubber seal
- Accommodates continuous and pronounced cyclic movement
- Single component yet fast rate of cure
- Easy to apply at low temperature
- Can be applied to damp substrates
- Isocyanate free technology

Usage

- Potable water tanks, reservoirs, sewage tanks, sea walls, basements, subways, parapets, bridges and superstructures



Size

600ml sausage

■ Fosroc® Nitoseal PU12

Biodegradation resistant sealant. Two part sealant, adherers to most commonly used construction materials.

- Resistant to aerobic and anaerobic bacteriological attack
- Excellent adhesion under immersed conditions
- Abrasion resistant
- Separate component for accelerating the initial cure

Usage

- Sludge digestion tanks, filtration and aeration tanks, culverts, raw water reservoirs and sea walls



Tin Size

2ltr pack

Joint Fillers and Sealants

■ Fosroc® Nitoseal PU878

High performance, elastomeric, pavement joint sealant two component product designed to retain its movement of 25% on butt joints throughout temperature extremes. Does not harden in cold weather nor become excessively soft or pick up in hot conditions.

- Fuel, oil and hydraulic fluid resistance
- High durability and long service life
- High movement accommodation

Usage

- Sealing and maintenance of joints in concrete roads, concrete runways and hard standings
- Aircraft fuelling areas, oil terminals, garage forecourts, parking and cargo areas



Tin Size

5ltr pack



■ Fosroc® Solvent 102

Fosroc Solvent 102 is a specially developed solvent blend for use with the resins commonly found in Fosroc products and other construction chemicals.

It is much more effective than common solvents such as petrol, xylene, white spirit and heavy-naphtha.

Usage

- Dissolving industrial resin e.g. epoxy resin, polyurethane resin etc.
- Cleaning tools, substrates and containers
- Thinning solvent



Tin Size

25ltr



■ Fosroc® Nitoseal PU800

Heavy duty epoxy urethane joint sealant, two component gun grade elastomeric sealant for limited movement joints.

- Cures to a tough seal
- Abrasion resistant
- High modulus
- Resistant to chemical, fuel and oil spillage
- Easily installed to give a flush finish
- Hard, but flexible sealant; resists picking and vandalism

Usage

- Factories, warehouses and distribution centres effective where there is forklift truck traffic
- Prisons as an anti-pick sealant



Tin Size

2ltr pack



■ Fosroc® Solvent 105

Fosroc Solvent 105 is a high-quality cleaning solvent. Intended to be used with industrial resins and is much more effective than alternative cleaning solvents such as petrol and white spirit.

Usage

- Dissolving polyester resins
- Cleaning solvent for tools, containers and substrates



Tin Size

5ltr



Comprehensive stock

Competitive prices

Call your local depot

Joint Fillers and Sealants

■ Fosroc® Thioflex 555 Hand Grade

Thioflex 555 Hand Grade is a fast setting two component, polysulfide self-levelling type sealant product designed to meet requirements in pavement applications.

- High stress relaxation
- High resilience
- Resistant to stone/dirt pickup
- High durability and long service
- High movement accommodation

Usage

- Suitable for sealing areas where fuel spillage might occur such as aircraft fuelling areas, oil terminals, garage forecourts, parking and cargo areas



Size

5ltr pack

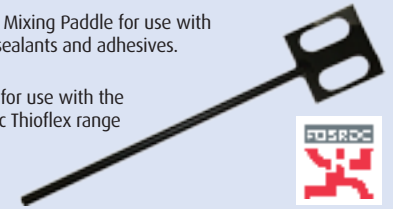


■ Fosroc® Sealant Mixing Paddle

Sealant Mixing Paddle for use with Fosroc sealants and adhesives.

Usage

- Ideal for use with the Fosroc Thioflex range

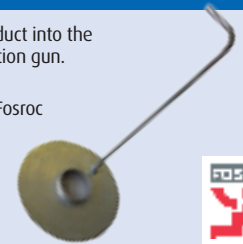


■ Fosroc® Thioflex Follower Plate

For loading the product into the appropriate application gun.

Usage

- For use with the Fosroc Thioflex range



■ Fosroc® Thioflex 600 GG & Thioflex 600 PG

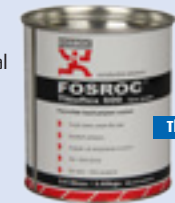
Thioflex 600 available in gun and pouring grades. The gun grade is ideal for general application. It is packed in a ready to mix 2.5 litre tin containing the base and curing agent in the correct proportions. The pouring grade for joints in horizontal surfaces is supplied in 5 litre packs with the base and curing agent in separate tins. Thioflex 600 pouring grade is recommended for initial sealing of expansion joints and stress relief joints in floors and sealing other horizontal surfaces.

- Forms a tough, elastic rubber like seal
- Accommodates continuous and cyclic movement
- Excellent adhesion to most common substrates
- High resistance to ageing, reduces physical damages due to climatic extremes

Usage

- High-rise buildings and other applications where access for subsequent maintenance will be difficult and the risk of early movement failure must be minimised
- Also suitable for sealing joints in brickwork, retaining walls, basements and subways

Product	Sizes
Thioflex 600 GG	2.5ltr
Thioflex 600 PG	5ltr



Thioflex 600 GG



Thioflex 600 PG



Joint Fillers and Sealants

■ Sikaflex® 406 KC

Sikaflex® 406 KC is a 1-part self-levelling booster accelerated elastic floor joint sealant with high mechanical and chemical resistance. Rapid and homogeneous curing throughout the entire sealant is achieved by the addition of the Sikaflex® 406 KC Booster.

- Movement capability ±25 %
- Low stress on joint edges
- Very high mechanical and chemical resistance e.g. to diesel and jet fuel
- Recessed and broadcasted joints can be opened to traffic after 3 hours

Usage

- Connection joints between steel, defined asphalt types, concrete, granite, rails in track superstructure, roads and floors
- Movement joints in road and traffic areas



Product	Size
Sikaflex® 406 KC	10ltr
Sikaflex® 406 Booster	1.50ml



■ Sika® Thinner C

Sika® Thinner C is a solvent based thinner and cleaner used in combination with epoxy or polyurethane based products and membranes.

Usage

- Component of priming systems
- Modification of membrane viscosity
- Cleaning of Usage equipment
- Re-activation of over-exposed membranes

Tin Size

3ltr



■ Sika® Backer Rod Fire

Sika® Backer Rod fire for fire resistant joint sealing. Sika® Backer Rod Fire is a circular, compressible, mineral wool based backing rod wrapped with a glass fibre yarn.

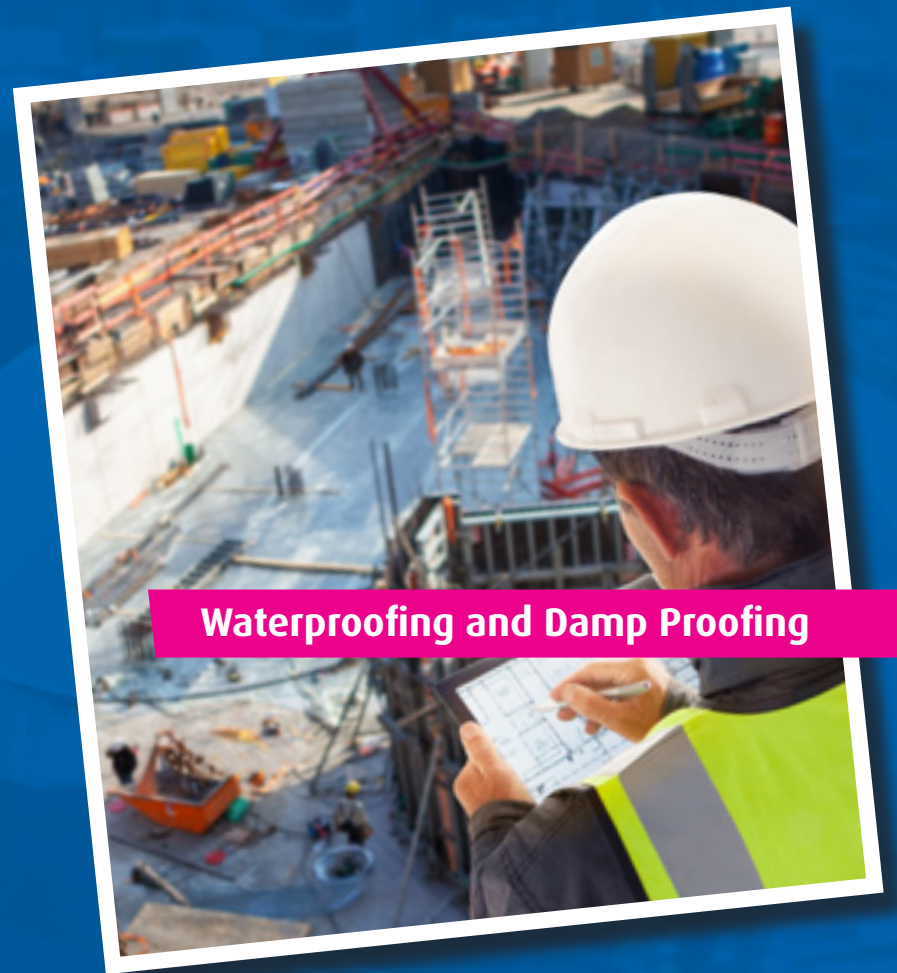
- Easy to apply
- Up to 4 hours fire resistance depending on the configuration
- Adapts to joint width and alignment irregularities

Usage

- Fire resistant joint sealing



Diameter	Roll length
12mm	50m
15mm	50m
20mm	30m
30mm	30m
40mm	30m
50mm	25m
60mm	25m



Waterproofing and Damp Proofing

Kestral's large range of waterproofing products are targeted to help keep structures safe from water damage.

This may be achieved by integral waterproofing of the building elements e.g. waterproof concrete or by incorporating a continuous membrane externally or internally. The choice of system will depend on a number of factors including degree of water tightness required, condition of the structure, intended use of the structure, type of finish required, time permitted for installation and last but not least cost.

Comprehensive stock

Competitive prices

Call your local depot



Sales@kestral.net www.kestral.net

Nationwide Depots



■ Fosroc® Supercast PVC Waterstop Range

The Supercast range of PVC waterstops is designed to provide an integral sealing system for movement and construction joints in concrete cast in-situ.

Extruded from a high grade PVC compound which has been formulated to give excellent flexibility and longevity characteristics. They are available as straight lengths and factory produced intersections or as a factory prefabricated segment of a network to minimise site jointing.

The range consists of centrally placed profiles; Supercast Hydrofoil and XHD Hydrofoil; externally placed profiles; Supercast Rearguard S and Supercast Angleguard.

Supercast Hydrofoil sections, centre bulb sections are used in expansion, contraction and construction joints.

Supercast Rearguard S profiles incorporate a flat top centre box which allows movement to be accommodated in expansion joints.

Supercast Angleguard externally placed waterstop for use where the joint line coincides with a change in level of the slab soffit.

Jointing is carried out using Fosroc Heat Welding Equipment. The ends to be joined are cut square and held in alignment in a special jig. The ends are then pressed either side of a special heated blade, until an even, molten bead of PVC appears around the section. The heated blade is then removed and the molten ends pressed fully together. The PVC cools to form a strong fusion welded joint.

- Range of profiles to suit every need
- Fully continuous 4 bulbed network
- Reinforced eyeleted edge flanges for positive fixing
- Simple on-site jointing
- Full range of moulded and fabricated intersection pieces
- WRC approval for use in contact with potable water

Usage

Water retaining

- Reservoirs, water towers and sewage tanks, dams, culverts, canals, spillways and swimming pools
- Bunded areas surrounding liquid retaining tanks

Water excluding

- Basements and underground car parks, tunnels and subways
- Abutments and retaining walls
- Roof decks and podium areas



Supercast Welding Blade



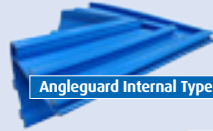
Supercast Jig



Supercast Hydrofoil Straight Lengths



Supercast Rearguard Straight Lengths



Angleguard Internal Type A



Angleguard External Type B



Supercast Rearguard S 3-Way



Supercast Rearguard S 4-Way



Supercast Rearguard S MOE External



Supercast Rearguard S MOE Internal



Supercast Rearguard S T-Piece

Supercast Rearguard S MOF

Product	Size (width x length)
Supercast Hydrofoil 150	150mm x 15m
Supercast Hydrofoil 200	200mm x 15m
Rearguard S150	150mm x 12m
Rearguard S200	200mm x 12m

■ Fosroc® Supercast SW & Supercast SWX

The Supercast SW range consists of swellable waterstops; Supercast SW formed sections, Supercast SWX gun-applied paste and Supercast SW Adhesive.

Supercast SW sections are made from high performance synthetic elastomer strips. The swelling action of the Supercast SW range is the result of contact between water and hydrophilic groups which are an intimate part of the Supercast SW polymeric structure. These hydrophilic groups are not subject to extraction and loss of swelling performance by prolonged or repeated wetting.

Expansion of the waterstop creates a positive pressure against the faces of the concrete joint, thus preventing water passing through the joint.

Supercast SW should be used to prevent the passage of water through non-movement joints in both new in-situ concrete and between new and existing concrete.

Supercast SW Adhesive the adhesive and Supercast SWX can be applied to damp substrates.

Supercast SWX enables full integration of Supercast SW and Supercast PVC networks.

- Easy to install by adhesive bonding, or casting into joint faces
- Solves detailing problems in conjunction with Supercast PVC waterstops
- Swelling properties unaffected by long term wet/dry cycling
- Tolerant of salts in concrete and groundwater
- Sustains effective seal in wet conditions
- Highly adaptable to accommodate complex joint shapes

Usage

- Walled basements, pile caps and casting against old concrete
- New in-situ concrete and between new and existing concrete



Supercast SW10



Supercast SW20



Supercast SW Adhesive



Supercast SWX

Product	Size
Supercast SW10	5mm x 20mm x 15m
Supercast SW20	5mm x 10mm x 20m
Supercast SW Adhesive	600ml sausage
Supercast SWX	600ml sausage



Comprehensive stock

Competitive prices

Call your local depot

■ Fosroc® Supercast Synkoflex

Supercast Synkoflex is a fuel-resistant, non-swelling preformed plastic adhesive waterstop. It can be laid onto fresh concrete, or applied to existing concrete when used in conjunction with Supastik E10 Adhesive.



- Not affected by rainwater, allowing prolonged delays between application and concrete pour
- Can be easily joined to Fosroc Supercast PVC waterstops at expansion joints
- Highly adaptable to accommodate complex joint shapes
- Resistant to chemicals
- Cost effective installation

Usage

- Watertight integrity for concrete joints
- Bund and thin section walls

Size	Box Quantity
25mm x 25mm x 1m	25



■ Fosroc® Mulseal DP

Mulseal DP single part bitumen latex emulsion is applied by brush or squeegee. The incorporation of rubber latex imparts elasticity to the dried coating.



- Low water vapour permeability
- Can be applied to "green" concrete
- Resistant to sulphates and ground salts
- Dries to a flexible film
- Simple to apply by brush
- Can be used on damp surfaces

Usage

- Most building materials concrete, brickwork, metals and stone etc.

Tub Size

25ltr



■ Fosroc® Nitocote SN502

Penetrating, hydrophobic silane-siloxane treatment for concrete and masonry. Single component penetrating silane-siloxane system.



- Penetrates into substrates
- Non-staining
- Reduces water and chloride intrusion
- Increases freeze thaw resistance
- Minimises efflorescence
- Allows water vapour to escape from the structure
- Chemically resistant to ice melting compounds, fuels, oils and atmospheric contaminants

Usage

- Allowing passage of water vapour from the substrate it significantly reduces the absorption of water and water borne salts

Coverage (per coat)	Tin Size
5m ²	25ltr



■ Fosroc® Nitocote CM210

Cementitious, polymer modified waterproofing coating for concrete and masonry surfaces.

Two component. Applied to the substrate using a brush, roller, trowel or by spray application.



- No primer required
- Suitable for light foot traffic prior to installation of protective finishes
- Withstands high positive and negative hydrostatic pressures
- Excellent bond to concrete and masonry
- Long working time for ease of application
- Can be applied to green or damp concrete
- Effective barrier to sulfates and chlorides

Usage

- Waterproof coating suitable for water tanks, reservoirs, canals and culverts
- Below ground retaining wall and foundation structures

Coverage (1mm thickness)	Size
0.54m ² /kg	18.2kg bag, 5ltr container



■ Fosroc® Nitocote EN901

High chemical resistant protective coating complying with the requirements of BS EN1504-2.



Two-part grey material applied by brush or roller, applied in two coats, minimum total-dry-film thickness of 400 microns.

- 100% solids, solvent free
- Excellent chemical resistance in pH levels ranging from 1-14 at 25°C
- Excellent adhesion to properly prepared concrete, mild steel, and other substrates
- Excellent abrasion resistance

Usage

- Protection to concrete and steel structures in aggressive chemical conditions
- Wastewater treatment, desalination, food processing, electric power, chemical manufacturing, fertiliser and insecticide plants, petroleum refineries and pulp and paper mills

Coverage (2 coat application)	Size
0.2m ²	4ltr pack



■ Fosroc® Nitocote UVR Topcoat

Fosroc Nitoproof UVR Topcoat is a roller applied, two component, high solids, flexible, light to medium-duty trafficable, colour stable and flame retardant polyurethane coating.



- Environment friendly – high solids
- Seamless and monolithic, including field joints
- Significantly enhances the durability of reinforced concrete when used in conjunction with either Nitoproof 800 or Fosroc Polyurea WPE
- Strong adhesive bond
- Fire rated to BS476-3:EXT.FAA

Usage

- Colour stable and fire rated topcoat component for the Fosroc Nitoproof 800 roof/balcony waterproofing system
- Colour stable and fire rated topcoat for Fosroc Polyurea WPE waterproofing system

Coverage (per pack)	Size
Nitoproof 800 - 22m ²	1.5kg, 8.5kg packs
Polyurea WPE - 32m ²	1.5kg, 8.5kg packs



■ Fosroc® Nitocote EP405

Solvent-free ground gas resistant, epoxy resin coating for waterproofing and protecting concrete structures.



Two-part, solvent free, epoxy resin coating available in blue and white, applied in one or two coats.

- High build application
- Can be applied directly to mild steel and concrete
- Smooth, glossy, easy to clean surface
- Corrosion, chemical and abrasion resistant
- Can be applied to damp surfaces
- Waterproof
- Ground gas and water vapour barrier

Usage

- Below ground retaining wall and foundation structures
- Potable water retaining structures, surfaces in contact with foodstuffs
- Basements, tunnels, tanks, silos, breweries, dairies and meat and food processing plants

Dosage (per coat)	Size
0.4m ²	1.5ltr pack



■ Fosroc® Nitodek UR Membrane

Fosroc Nitodek UR Membrane is part of the Nitodek UR300 system, a waterproofing decking system for new and existing exposed car park decks and ramps.



Applied over Fosroc Nitoprime URFS.

Fosroc Nitodek UR300 system is a polyurethane based waterproofing and crack bridging protection system for the exposed decks of new and existing car parks. It provides a protective, durable, elastic, impervious, skid resistant, attractive floor surface which is easy to clean and maintain. The Fosroc Nitodek UR300 system comprises Fosroc Nitoprime URFS, two high build coats of Fosroc Nitodek UR Membrane and Fosroc Nitodek UVR Topcoat and incorporates anti-skid quartz aggregate.

Size
5kg, 15kg pack



■ Fosroc® Nitofill UR63

Flexible foaming two part polyurethane injection resin. Two part liquid polyurethane which reacts to form a tough, slightly flexible resin. Nitofill UR63 has good adhesion to concrete and masonry and when injected into cracks it allows some movement without loss of bond.

- Penetrates fine cracks and cavities
- Reacts with water and forms flexible closed cells that allow the movement of the crack
- Flexible to withstand differential movement
- Free expansion: 800%
- Chemically resistant against water, weak acids, alkali
- Excellent adhesion to mineral construction materials
- Reaction speed controlled by varying the amount of hardener. 6-9% hardener achieves a good cell structure

Usage

- Injecting into cracks in concrete or masonry in wet conditions to form a slightly elastic seal

Size

25kg pack



■ Fosroc® Nitofill WS60

Rigid foaming two part polyurethane injection resin. Two part liquid; it reacts when mixed with water to form a rigid, polyurethane foam barrier. Because of the low viscosity and the expansion during polymerisation the resin will penetrate deep into the crack.

- Seals against water
- Free expansion: 1700% - 2200%
- Does not shrink after curing
- Excellent adhesion to mineral construction materials (such as concrete, cement and brick and metal)
- The reaction speed can be controlled by varying the amount of hardener
- Nitofill WS60 foam is chemically resistant against water, weak acids, and alkali, mineral oils, fungus, bacteria, ground water, sea water and petroleum products

Usage

- Stops the flow of water when injected into cracks in concrete in the presence of water. Provides an effective system for sealing static cracks in wet conditions

Size

25kg pack



■ Fosroc® Nitoproof 800 Membrane

Flexible, seamless, liquid applied two component water-proofing membrane. Part of the Nitoproof 800 system.

- Fast application
- Easy to clean and maintain
- Chemical resistant
- Durable – good abrasion and wear resistance
- Slip-resistant finish available
- Colour stable, UV and weather resistant
- Wide range of colours
- Fire-resistant
- Root barrier

Usage

- Waterproofing system for new and existing concrete structures.
- Balconies, walkways, flat roofs; covered / buried concrete decks including podium decks and green roofs; reservoir up stands and wind turbine plinth bases

Coverage (per pack)

9m²

Size

10kg pack



■ Fosroc® Nitoprime UR FS

Fosroc Nitoprime UR FS is a two component primer for use on concrete as part of the Nitoproof 800 system.

Usage

- Priming concrete elements, balconies, walkways, flat roofs; covered / buried concrete decks including podium decks and green roofs; reservoir up stands and wind turbine plinth bases

Coverage (per pack)

10m²

Size

2kg pack



■ Fosroc® Nitoproof UVR Topcoat

Fosroc Nitoproof UVR Topcoat is a roller applied, two component, high solids, flexible, light to medium-duty trafficable, colour stable and flame retardant polyurethane coating. Part of the Nitoproof 800 system.



Usage

- Seamless and monolithic, including field joints
- Significantly enhances the durability of reinforced concrete when used in conjunction with either Nitoproof 800 or Fosroc Polyurea WPE
- Colour stable
- Strong adhesive bond
- Colour stable and fire rated topcoat component for the Fosroc Nitoproof 800 roof/ balcony waterproofing system and topcoat for Fosroc Polyurea WPE waterproofing system
- Fire rated to BS476-3:EXT.FAA when used with the Fosroc Nitoproof 800 system and when used in conjunction with Fosroc Polyurea WPE

Coverage (per pack)

Coverage (per pack)	Size
On Nitoproof 800	22m ² for 0.3mm film 10kg pack
On Polyurea WPE	32m ² for 0.2mm film 10kg pack



■ Fosroc® Top Hat

Waterproof pipe entry consisting of polyethylene / polypropylene membrane, which includes an aluminium foil layer.



■ Fosroc® Proofex 3000

High performance, waterproofing and radon barrier membrane, self-adhesive for basements and below ground structures.

- Cross-laminated HDPE film for protection against damage
- Dimensionally stable
- Toughness and flexible for detailing around corners
- Quick installation, simple and reliable
- Resistant to ground water, soluble sulfates and chlorides
- Radon protection as defined by BRE report 211

Usage

- Vapour and waterproof membrane to water excluding structures and protects concrete from attack by aggressive ground salts

Coverage	Roll Size
20m ²	1m x 20m



■ Fosroc® Proofex 3000MR

High performance methane, radon and carbon dioxide resisting, self-adhesive waterproof membrane for basements and below ground structures.

- Aluminium film provides methane, radon and carbon dioxide resistance, protection against damage and gives dimensional stability
- Solar reflective finish reduces heat gain whilst membrane is exposed during construction
- Combines toughness with flexibility for detailing around corners, pipes, etc.
- Quick installation, simple and reliable
- Resistant to ground water, soluble sulfates and chlorides

Usage

- Vapour and waterproof membrane to water excluding structures and protects concrete from attack by aggressive ground salts

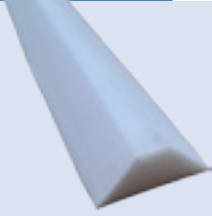
Coverage	Roll Size
20m ²	1m x 20m



Waterproofing and Damp Proofing

Fosroc® Proofex Angle Fillet

Proofex Angle Fillets are to be used in conjunction with other Fosroc and Proofex products for the application of wall to floor junctions where filling is required.



Size	Pack Size
50mm x 50mm x 1m	20



Fosroc® Proofex Cavitydrain

Fosroc Proofex Cavitydrain is a space saving high density polyethylene drained cavity former solution for vertical and horizontal applications in conjunction with internal blockwork walls and dry lining systems.

Water ingress is contained within a free draining cavity and channelled to an internal water management system

4 grades: Cavitydrain 80, 200, PB & PM20.

- Suitable for new and existing projects
- Acceptable for all water table classifications (low, variable, high) as per Table 1 of BS8102-2009
- Eliminates increase in structural load due to water pressure
- Can be specified in conjunction with a monitoring system to provide automatic alerts in the event of pump failure
- Minimal deformation under load maintains drainage performance
- High load transfer to structural elements
- Chemically resistant, unaffected by contaminated substrates and chemicals typically found in groundwater

Usage

- Basements eliminating the requirement for internal blockwork walls or dry lining systems

Coverage	Roll Size
40m ²	2m x 20m



Comprehensive stock

Competitive prices

Call your local depot

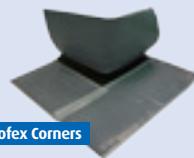
Fosroc® Proofex Engage

Unique patented waterproof membrane system comprising a cell mesh bonded to a blended polyethylene / polypropylene membrane which allows poured concrete to interlock, forming a tenacious mechanical bond. Proofex Engage provides water, water vapour and gas protection. Internal and external corner pieces also available.

- Unique mesh system allowing fresh concrete to mechanically bond
- Smart antitracking design prevents water tracking between membrane and concrete
- Simple and quick to install
- Basement waterproofing protection to grades 1a, 1b, 2 and 3 as defined in BS 8102:2022
- Methane and CO₂ protection as defined in BRE Report 212
- Radon protection as defined in BRE Report 211. BBA certification
- Protects concrete from chemicals, hydrocarbons and aggressive ground salts in contaminated sites



Proofex Engage



Proofex Corners

Usage

- Concrete basements, liftpits, car parks and other water excluding structures

Coverage	Roll Size	Corner Size
38.10m ²	1.27m x 30m	125mm with 100mm butyl selvedge



Waterproofing and Damp Proofing

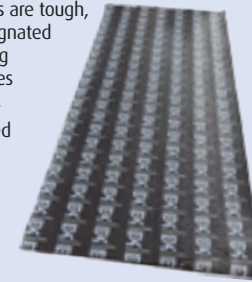
Fosroc® Proofex Protection Board

Proofex Protection Boards are tough, rot-proof, bitumen impregnated boards used for protecting waterproofing membranes against physical damage.

- Light and easily handled
- Low water absorption
- Rot-proof
- Durable
- Robust
- Flexible

Usage

- Protect waterproofing membranes against impact and abrasion damage from site traffic and from coarse or sharp materials during backfill operations



Thickness	Size
3mm	2m x 1m



Fosroc® Proofex Primer

Fosroc Proofex Primer for use on concrete, masonry and steel prior to application of waterproofing membrane on basements and below ground structures.

For use with Proofex products in the Fosroc range.

- Application temperature range: 5°C - 35°C
- Coverage 6 - 8 m²/litre
- Drying time 1 - 2 hours @ 20°C
- Very porous surfaces may require more than one coat of primer



Usage

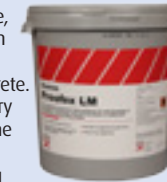
- On concrete, masonry and steel

Tin Size
5ltr



Fosroc® Proofex LM

Cast in-situ waterproof membrane, protects concrete from attack from chemicals and aggressive ground salts. Bonds permanently to concrete. A comprehensive range of auxiliary products is available to simplify the application process.



Two component bituminous liquid membrane with hydraulically hardening fillers.

- Can be applied to damp surfaces, simple trowel applied
- Resists hydrostatic head of up to 70m
- Seamless - flexible with crack-bridging capabilities
- Solvent-free - environmentally friendly and harmless to ground water
- Resistant to aggressive ground water
- Compatible with Proofex waterproofing systems

Usage

- Waterproofing intricate details pipe entries, covings etc
- External waterproofing of underground structures

Tub Size
28kg



CETCO® VOLTEX® Bentonite Geotextile Waterproofing System

Pre or post applied bentonite waterproofing membrane with surface bentonite impregnation for impermeable lap joints. Contains two layers of geotextile encapsulating and containing the bentonite.

- Impermeable lap joints
- Full surface contact between the bentonite-impregnated cover layer and the concrete ensures that small cracks and surface imperfections are sealed
- Quick and easy installation in almost all weather conditions
- No requirement for priming systems, joint taping or protection systems
- BBA accredited

Usage

- Basement waterproofing protection to grades 2 and 3 as defined in BS8102:2009
- Vapour / waterproof membrane in building and civil engineering structures



Sizes
1.1m x 5m
2.5m x 20m
5m x 40m



Waterproofing and Damp Proofing

■ Fosroc® Proofex Sheetrain

Proofex Sheetrain is a geocomposite drainage sheet comprising a 8/10mm thick HDPE cusped core bonded to a non-woven polypropylene geotextile, recommended for most building and civil engineering drainage applications.

- Cost effective - no need for up to 500mm thick stone drainage layer behind retaining walls
- Easy site application, high impact resistant
- Reduced environmental impact - no need for vehicular removal and transportation of spoil off site and subsequent replacing with expensive stone drainage layer
- High flow rate (water and gas)
- Alternative to 'French Drains'

Usage

- Used with Type A (Barrier) and Type B (Integral) waterproofing systems as part of a complete solution in Low and Variable water table conditions as defined and recommended in BS8102:2009
- Protection layer for Type A membranes



Roll Size
2.4m x 20m



■ Fosroc® Proofex Total

Proofex Total is a black/white, multi-layer, low density polyethylene, ground gas resistant based damp proof membrane with an integral aluminium foil layer and a polypropylene reinforcing grid.

- Polyester reinforcing grid for puncture resistance
- Loose-laid system
- Suitable for installation with taped or welded lap joints
- Suitable for use with ground-bearing reinforced concrete or precast floor construction methods
- Can be used within masonry wall construction, eliminating the need for a separate damp-proof course

Usage

- Suitable for ground level construction applications above and below the main structural element
- Reinforced gas membrane - designed to protect buildings and their occupants from the effects of methane, radon and carbon dioxide
- Damp-proof membrane - protection against ingress of moisture from the ground where not exposed to hydrostatic pressure



Roll Size
2m x 50m



■ Fosroc® Proofex WG

Proofex WG is a three component system consisting of base resin, liquid hardener and specially graded inert fillers. It is suitable for thickness from 20-100 mm.

- Non-shrink ensuring complete surface contact and bond
- Waterproof and ground gas resistant
- High compressive, tensile and flexural strengths
- Fast, pourable installation with rapid strength gain

Usage

- Detailing of pile caps, box outs and other similar applications to ensure complete integrity of the waterproofing and ground gas protection system
- When used as part of a ground gas protection solution the system should be designed and constructed in accordance with BS8485:2015 + A1:2019



Size
15ltr pack

Waterproofing and Damp Proofing

■ RIW Toughseal

Toughseal is a solvent free polymer modified epoxide coating, supplied as a two part pack of base and hardener in pre-measured proportions. Can be applied to concrete, masonry and steel, apply 2 coats.



Applications

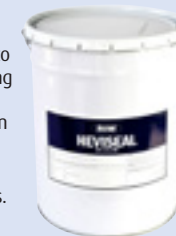
- Water and water vapour barrier
- Abrasion resistant
- Jointless membrane
- High substrate adhesion
- Chemically resistant
- U.V. resistant
- Ground floors
- Computer floors
- Plant rooms and Bunded Areas
- Basement and Sub-structures
- Superstructures
- Swimming pool / wet rooms and other wet areas

Coverage Tin Size
4m²/litre 5kg and 20KG



■ RIW Heviseal

Heviseal is a cold applied heavy bodied damp proof membrane, which is U.V. resistant and dries to a uniform black finish. The coating is a fibre and mineral filled solution of natural and petroleum bitumens in white spirit.



Can be applied to concrete, masonry and steel, apply 2 coats.

- Water and water vapour barrier
- U.V. resistant
- Easily applied and adapted to difficult details
- Cannot be leached or washed away
- Undamaged by frost after application
- Easily maintained

Applications

- Basement and Sub-structures
- Superstructures
- Flat roof areas
- Gutters
- Parapet walls/plinths
- Water storage tanks/ponds
- Planters

Coverage Tin Size
1.5m²/litre 20ltr



■ RIW Flexiseal Pro

Flexiseal Pro is a two-pack solvent free polymer modified epoxide coating which cures to give a continuous tough but flexible waterproof coating. Apply to substrates treated with Flexiseal Pro Primer.



Used where a high performance tanking, damp proof membrane or containment system is required.

Can be applied to damp surfaces to concrete, masonry, steel and timber, apply minimum 1 coat.

- Water and water vapour barrier
- Colour coded for quality control
- Seamless fully bonded coating
- Can be applied in one coat to horizontal areas
- Tough & flexible, able to accommodate differential movement
- Simplifies application to irregular profiles & complex details
- High substrate adhesion
- Good chemical & UV resistance
- Effective barrier to carbon dioxide & methane
- Basement and sub-structures
- Podium decks
- Elevated decks (terraces & balconies)
- Ground floor DPM
- Plant rooms & containment bunds
- Superstructures
- Gas proofing

Coverage Tin Size
Horizontal 1m²/kg/ 5kg and 20KG
Vertical 2m²/kg/



■ RIW Flexiseal Pro Primer

Flexiseal Pro Primer is a two-pack solvent free black liquid modified epoxide surface conditioner.

Can be applied to damp surfaces to concrete, masonry, steel and timber, apply 1 coat.



Coverage Tin Size
4m²/litre 5ltr and 15ltr



RIW Sheetseal 226

Sheetseal 226 is a cold applied, high density polyethylene film, coated with a bitumen/rubber self adhesive layer with a removable reinforced silicone paper. Apply to substrates treated with Sheetseal Primer.



Can be applied to concrete, masonry, steel and insulation boards / ICF systems.

- Water and water vapour barrier
- Factory controlled thickness
- Elastic and flexible
- Damage easily repaired
- No drying time
- Sulphate resistant
- Selvedge strip to improve lap sealing

Applications

- Basements and sub-structures
- Ground floors
- Reservoirs
- Retaining walls

Roll Size (width x length)
1050mm x 19.05m
300mm x 20m
150mm x 20m



RIW Sheetseal Primer

Sheetseal Primer is a bitumen solution.

Apply one coat of Sheetseal Primer to all vertical or inclined surfaces. The primer should be applied where required by brush, roller or spray.



Coverage	Tin Sizes
7m ² /litre	5ltr and 25ltr



RIW Sheetseal 9000 DPC

Sheetseal 9000 DPC is a high performance polymeric material, available in widths from 100mm to 1000mm wide, supplied in rolls 20m long.



- Fully recyclable
- Does not contain pitch, tar or bitumen
- Tough, durable and puncture resistant
- Flexible and easy to handle
- Excellent mortar bond strength
- Unaffected by extremes of temperature

Roll Size
Various widths x 20m



RIW Jointing Tape

Used with Sheetseal 9000 DPC to seal rolls of DPC together at laps. Also used to adhere rolls of DPC onto prefabricated items.



Roll Size (width x length)
100mm x 15m



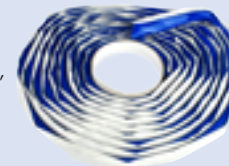
Comprehensive stock

Competitive prices

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RIW Cavity Drain Sealing Rope

Sealing Rope is a blend of butyl and other rubbers, which has good adhesion to most common surfaces, whilst having good movement capability.



Sealing Rope is used to provide a seal between overlapping sheets of Cavity Drain R20 & R7 membrane systems, and around service entry pipes, etc.

Sealing Rope is also used to provide a gasket around the fixings for Cavity Drain membrane systems, as well as Plaster Drain.

Roll Size (diameter x length)
10mm x 5m



RIW Double Drain Top Edge Strip

Top Edging Strip is manufactured from brown medium density polyethylene.



Top Edging strip covers the air gap at the top edge of Double Drain, preventing earth from entering the air gap. It also resists water penetration, but is not defined as waterproof.

It also provides a good edge for render on the wall above, if required.

Strip Size (L-shaped profile x thickness x length)
L-shaped 10mm x 110mm x 2.5mm x 2m



RIW Cavity Drain Sealing Tape

Sealing Tape is a blend of butyl and other rubbers, which has good adhesion to most common surfaces, whilst having good movement capability.



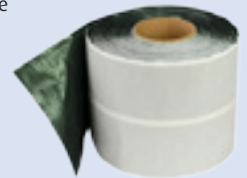
Sealing Tape is used to provide a seal between 'flanged' overlaps of Cavity Drain membrane systems.

Roll Size (width x thickness x length)
30mm x 2mm x 20m



RIW Cavity Drain Overtape

Overtape is a self-adhesive tape, based on a blend of butyl and other rubbers, which has excellent adhesion and will adhere to most common surfaces whilst having good movement capability.



Overtape is used at wall/floor, wall/wall and wall to soffit junctions, as well as for sealing around pipe penetrations, etc.

Overtape is also used with Cavity Drain membrane systems to seal over non-flanged laps.

Roll Size (width x length)
150mm x 10m



RIW Cavity Drain Rapid Fixing Plugs

Fixing aid for locating and mechanically securing Cavity Drain membrane systems to the substrate.



Used with Sealing Rope to provide a sealed fixing through Cavity Drain R20 and Cavity Drain R7.

Box Size
100 plugs



RIW Cementseal

Cementseal is a two component, polymer modified, cement based, waterproof coating for concrete and masonry. Used to prevent water ingress into basements, cellars and other below ground structures. Can be applied to concrete, masonry and steel.



- Totally waterproof
- Resists up to 100m head of positive and negative water pressure
- Seamless and fully bonded
- Applied to damp surfaces
- Abrasion and impact resistant
- Quick and easy to apply by hand or spray
- Environmentally friendly
- Enhanced resistance to carbonation

Applications

- Basements & sub-structures
- Plant room floor coatings
- Temporary waterproofing

Coverage	Tub Size
4m ² at 2mm thickness	15kg



RIW Cementflex

Cementflex is a two component, polymer modified, tough, flexible, cement based, waterproof coating for concrete and masonry. Cementflex is suited for waterproofing and protecting concrete and masonry structures which exhibit cracking, and where further movement is expected.



Can be applied to concrete, masonry and steel.

- Totally waterproof
- Resists up to 100m head of positive and negative water pressure
- Seamless and fully bonded
- Applied to damp surfaces
- Abrasion and impact resistant
- Quick and easy to apply by hand or spray
- Environmentally friendly

Applications

- Basements & sub-structures
- Temporary waterproofing

Coverage	Tub Size
4.7m ² at 2mm thickness	15kg



RIW Cementseal Primer

Cementseal Primer is a multi-functional, water based primer/curing agent, formulated on an aqueous acrylic copolymer.



Provides efficient sealing of horizontal concrete substrates, by stabilising the surface and preventing out-gassing, prior to the application of Cementseal or Cementflex.

Can be applied to concrete and masonry.

- Applied to damp surfaces
- Prevents out-gassing
- Assists with the curing of cement based coatings/mortars
- Seals concrete and masonry substrates
- Environmentally friendly

Applications

- Primer for cement based coatings/mortars
- Concrete sealer
- Curing agent

Coverage	Container Size
5 - 7m ² /litre	5ltr



RIW Cementfill FC

Cementfill FC is a thixotropic, polymer modified, cement based, waterproof, engineering quality fairing coat.



Used to fill minor blow holes and defects, and for repairing surface cavities and honeycombed concrete/open textured masonry.

Can be applied to concrete and masonry.

- Totally waterproof
- Resists up to 100m head of positive and negative water pressure
- Applied to damp surfaces
- Suitable for horizontal, vertical and overhead applications
- Environmentally friendly
- Enhanced chemical resistance

Applications

- Fairing coat to fill minor blow holes and defects
- Repair surface cavities and honeycombed concrete
- Thin waterproof screed

Coverage	Tub Size
4m ² at 3mm thickness	20kg



RIW LAC®

LAC® is a two coat, cold applied damp proof membrane, which dries to a uniform gloss black finish. The coating is a solution of natural and petroleum bitumens in white spirit.



Used as a damp proof membrane to ground floors, as a vapour barrier behind cladding and for tanking of basements.

Can be applied to concrete, masonry and steel.

- Water and water vapour barrier
- Radon barrier
- Elastic and flexible
- Easily applied and adapted to difficult details
- Sulphate resistant

Applications

- Ground floors
- Superstructures
- Basement and Sub-structures
- Retaining walls

Coverage	Tin Size
1m ² /litre two coats	5ltr and 25ltr



RIW Hydrocoat

Hydrocoat is a cold applied, fast drying, two coat black bitumen coating, which dries to form a water and a water vapour barrier. Uses include protection of iron and steel against corrosion and concrete structures against ground water.



Can be applied to concrete, masonry and steel. Apply 2 coats.

- Rapidly resistant to rain after application
- Cold applied
- No stirring required
- Minor damage is self healing
- Easily applied by brush, roller or spray
- Fast drying

Applications

- Bridge abutments
- Retaining walls
- Culverts
- Subways
- Reservoirs

Coverage	Tin Size
6m ² /litre one coat	25ltr



Comprehensive stock

Competitive prices

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RIW Sealing Compound

Sealing Compound is a trowel-grade, sodium bentonite/butyl-rubber based sealant, designed for use with the Structureseal system, which swells upon contact with water to seal against water intrusion. Use on structural concrete, masonry and most metal surfaces.



Applications

- Fillet material at horizontal and vertical inside corners
- Flashing around drains, mechanical and electrical penetrations, kerbs, etc.
- Filling / levelling small defects in concrete substrate surfaces and extremely irregular horizontal substrate surfaces



Coverage (inside corner / penetration fillet)	Tin Size
40 x 40mm = 12 linear metres	15kg
50 x 5mm bead = 41 linear metres	

RIW Sealing Granules

Granules are chemically treated sodium bentonite granules, which are used as a detailing accessory product, with the Structureseal system.

Used loose to fill cavities and voids in the substrate, or to detail critical areas that may require additional protection.

Will bond to most materials. Used loose or mixed to a paste.

- Fillet material at horizontal and vertical inside corners
- Flashing around drains, mechanical and electrical penetrations, kerbs, etc.
- Filling / levelling small defects in concrete substrate surfaces and extremely irregular horizontal substrate surfaces



Coverage (inside corner / penetration fillet)	Tin Size
40 x 40mm = 20 linear metres	20kg

RIW Liquid GM

Liquid GM is a single component water based compound, formulated on styrene-butadiene co-polymer.

High performance elastomeric liquid rubber membrane, specifically designed for a range of vertical and horizontal surfaces. Can be applied to concrete, masonry and steel.



- Liquid applied, methane and carbon dioxide barrier
- Excellent adhesion; fully bonds to porous and non-porous substrates
- Easily applied by brush, roller or airless spray
- Can be applied to damp substrates
- Rapid drying and easily repaired
- Non-toxic and flexible when cured

Applications

- Suppression of methane, carbon dioxide and high density hydrocarbon vapour
- Ground floors
- Basements and substructures
- Retaining walls

Coverage	Tin Size
2kg/mm ² two coats	15kg



RIW Cleaning Solvent

Used for cleaning brushes, rollers, etc. Also used for cleaning and re-activating resin based coatings, such as Flexiseal Pro and Toughseal.

Aromatic hydrocarbon solvent; Contains Xylene.

Product must not be used as 'thinners'.



Tin Size
5ltr

RIW Adhesive Tape

Adhesive Tape is a double-sided bitumen/rubber self-adhesive tape with a removable silicone release paper one side and a thin polyethylene removable sheet on the other.

Used in conjunction with Protection Board or Double Drain, to temporarily adhere it to dry surfaces of membranes.



Roll Size (width x length)
150mm x 15m

RIW Gas Seal Tape

Gas Seal Tape is a double-sided self-adhesive butyl tape for sealing between overlaps in the membrane.



Roll Size (width x length)
50mm x 30m

ARDEX WPM 200

ARDEX WPM 200 a surface applied 2 coat system, water and vapour barrier to concrete, screeded, rendered or masonry surfaces, steel and other vertical as well as horizontal hard surfaces.

- Can be sand blinded to act as a multipurpose primer
- For use on vertical and horizontal applications
- FeRFA Class 2 resin floor coating that, with a sand scatter, gives a reduced slip wearing surface
- Class 1 fire rating
- Withstands reverse hydrostatic pressure to 4.3 bar/65psi for 14 days (ASTM C1306-05a)

Usage

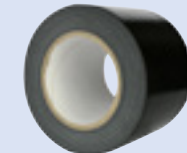
- Plant rooms, Wet areas, Under raised access floors
- Tanking for tiling, Waterproofing for rendering, Swimming pool surrounds and Lift pits

Pack Sizes
21.2kg Resin, 4.76kg Hardener



RIW Lap Tape

Lap Tape is a single-sided self-adhesive PVC tape used as a slip tape with Flexiseal Pro. The tape is applied at construction joints/cracks, over Flexiseal Pro Primer, prior to application of Flexiseal Pro.



Roll Size (width x length)
100mm x 50m

RIW Staple Gun

Used for stapling membranes.



Flexcrete Fastfill WP

Fastfill WP rapid setting mortar used for arresting water seepage and infiltration under pressure.

- Low shrinkage and high bond strength and a watertight seal
- Sets in 2 minutes at 20°C, yielding a durable, high strength mortar
- Application by float, hand or trowel
- Thickness 20mm (min)
- Enhanced adhesion in jointing situations and prevents wash out
- Non toxic when cured

Usage

- Arresting water seepage and infiltration under pressure through cracks, joints and voids in concrete and masonry
- Rapid sealing and jointing in water retaining structures

Yield	Bag Size
4.25ltr	8kg



■ Sikadur® 31 DW

Sikadur® 31 DW is a two part epoxy adhesive with approval for drinking water contact.

Can also be used for minor concrete repairs, joint filling and crack sealing. Also used as an adhesive with drinking water approvals for the Sikadur®-Combiflex® System and as a structural adhesive for precast concrete segments.

- Easy to mix and apply
- Very good adhesion to most construction materials
- High mechanical strengths
- Thixotropic: non-sag in vertical and overhead Usages
- Hardens without shrinkage
- No primer needed.
- High initial and ultimate mechanical strength

Usage

- Concrete, hard natural stone, ceramics and fibre cement
- Mortar, bricks, masonry, steel, iron, aluminium and wood
- Polyester, epoxy and glass



Coverage	Tin Size
2 kg/m ² per mm thickness	6kg



■ Sikadur® 31 DW Rapid

Sikadur® 31 DW Rapid is a solvent-free, thixotropic, 2-component adhesive and repair mortar, based on epoxy resins and special fillers which has been specially formulated to meet the requirements for use in contact with drinking water.

Also used as an adhesive for the Sikadur®-Combiflex® System and as a structural adhesive for precast concrete segments.

- Easy to mix and apply
- Very good adhesion to most construction materials
- High mechanical strengths
- Thixotropic: non-sag in vertical and overhead Usages
- Hardens without shrinkage
- No primer needed.
- High initial and ultimate mechanical strength

Usage

- Concrete, hard natural stone, ceramics, fiber cement, mortar, bricks, masonry, steel, iron, aluminium, wood, polyester and epoxy
- Joint and crack filling



Coverage	Tin Size
1.95 kg/m ² per mm thickness	6kg



■ Sika® 1 Waterproof

Sika® 1 is a normal setting liquid waterproofing admixture for mortar and concrete. Blocks the capillaries and pores in the applied cementitious system to provide an effective water barrier against the transmission of liquid water.

Used for structural screeds to resist water pressure below ground when used in conjunction with Sika® 1 pre-batched mortars.

- Increased impermeability of mortar/concrete
- Ready to use
- Easily dispersed
- Chloride-free
- For exterior and interior use

Usage

- Renders, masonry mortars and screeds
- Brick, concrete and stone substrates
- Basements, swimming pools, tunnels, water tanks, manholes etc.



Dosage (per 25kg cement)	Container Size
0.75 litres	5ltr and 25ltr



■ Sika® 2 Water Plug

Sika® 2 is an extra quick setting, liquid waterproofing admixture that causes almost immediate setting and very rapid hardening of Ordinary Portland Cement.

To quickly seal cracks, fissures and holes in concrete, rock or masonry where there is water infiltration.

- Does not require diluting
- Rapid setting
- Just mix with Ordinary Portland Cement
- Does not contain chlorides

Usage

- Tunnels, subways, basements, cellars, pits, vaults and walls



Dosage (per 1kg cement)	Container Size
0.7 litres	5ltr



■ Sika® 4 Rapid Setting

Sika® 4 Rapid Setting is used to aid the quick setting of cement based renders and concretes where low water pressure or slow moving water exists. Ready to use quick setting leak stopping liquid mixed with water and ordinary portland cement to produce a paste for leak stopping against low water pressure infiltration.

- Quick setting, ready to use
- Prevents cement wash out
- Does not contain chlorides
- Excellent resistance to backwater pressure

Usage

- Rendering or concreting against low water pressures in wet areas
- Leak stopping against low water pressure infiltration



Dosage (added to cement)	Container Size
1 part Sika® 4 to 3-6 parts clean water	5ltr

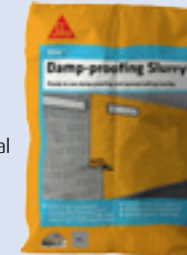
■ Sika® Damp-proofing Slurry

Sika® Damp-proofing Slurry is a one part polymer modified cement based waterproof coating comprising of special cement based components and admixtures. When mixed with water a slurry or mortar material is produced for direct Usage to a variety of construction substrates.

- Brush, trowel or spray
- Easy and fast mixing
- Consistency can be varied to suit Usage method
- Good adhesion
- Excellent workability
- Protects against water penetration

Usage

- Interior and exterior use for tanking residential/domestic basements walls and floors, water tanks, pools, planters etc.



Coverage (2mm thickness)	Bag Size
6.5m - 7m ²	25kg



■ Sika® 4a Water Stop

Sika® 4a is a rapid setting waterproofing admixture.

When mixed with ordinary Portland cement and water, it sets rapidly to seal areas of severe water infiltration through concrete, rock or masonry.

- Rapid setting
- Mix with water and Ordinary Portland Cement
- Does not contain chlorides
- Solvent free

Usage

- Tunnels, culverts, mine galleries, water reservoirs, concrete pipes and manholes
- Fixing anchor bolts and other fittings subject to early loading in rock or concrete



Dosage (added to cement)	Container Size
1 part Sika® 4a = 1:1 to 1:4 parts clean water	5ltr

■ Sikalastic® 1K

Sikalastic® 1K is a one-component, crack-bridging, fibre-reinforced mortar for flexible waterproofing and concrete protection, based on cement modified with special alkali-resistant polymers. Sikalastic® 1K is suitable for Usage by brush or trowel.

- One-component product, water needs to be added
- Adjustable consistency, easy to apply
- Very good adhesion on many substrates
- Good sag resistance and easy to apply, even on vertical surfaces
- Good crack-bridging ability
- Can be applied on damp substrates

Usage

- Tanks, basins, pipes, Bathrooms, showers, terraces, balconies, swimming pools before the Usage of ceramic tiles bonded with adhesives



Coverage	Bag Size
1.2 kg/m ² /mm thickness	20kg



■ Sika® 1 Pre-Bagged Structural Waterproofing System

The Sika® 1 Pre-Bagged Structural Waterproofing System has been used to control water ingress on new build, and repair and refurbishment projects worldwide.

The Sika® 1 Pre-Bagged Waterproofing System consists of watertight renders and screeds produced using Sika® 1 Pre-Batched Mortars. The mortars consist of a blend of special cement and kiln dried graded aggregates with waterproofing admixtures. Packaged in four grades, each specifically designed for optimum Usage performance and durability.

- Withstand high water pressures
 - Bonds to the substrate
 - Hard-wearing surface
 - Follow contours of structures
 - 100-year track record
 - Can be used to achieve Grades 1-3 according to BS 8102-2009
 - Suitable for high water table according to BS 8102-2009
 - Drinking water inspectorate approved ref no. 56.4.94
- Usage**
- Internal waterproofing of below ground structures
 - Water retaining structures pools, etc.
 - Waterproofing of basements, cellars and vaults and tunnels



Product	Yield	Size
Sika® 1 Spritz & Bonding Coat Mortar	12.3ltr	25kg
Sika® 1 Screed Mortar	12.3ltr	25kg
Sika® 1 Render Mortar	12.3ltr	25kg
Sika® 1 Finishing Mortar	12.3ltr	25kg

■ Sika® CD Cavity Drainage

The Sika® CD Anti-Lime Coating is a blend of high-grade silicates and wetting agents, held in suspension with water as a carrier. Once applied, this unique product seals the concrete surface.

Use with Sika cavity drainage system.

- Totally seals the concrete surface
- Increases abrasion resistance
- Resistant to acid concentrates
- Totally safe – water based
- Normally one coat Usage
- Equipment can be easily cleaned with water
- Brush or spray applied

- Usage**
- Reduce "Free Lime" leaching from concrete surfaces
 - An effective Anti-lime coating to new concrete in Cavity Drain systems

Dosage	Container Size
2 - 4m ² /kg	25kg



■ Sikadur® Combiflex® CF Adhesive

Sikadur-Combiflex® CF Adhesive Normal is a 2-part epoxy based thixotropic adhesive for bonding the Sikadur-Combiflex® SG modified flexible Polyolefin (FPO) waterproofing tapes to different substrates. Internal and external use. Usage temperature range +10°C to +30°C.

- Easy to mix and apply
- Excellent adhesion to many materials
- Performs well within a wide temperature range
- Good resistance to many chemicals
- No primer needed
- High mechanical resistance

- Usage**
- Adhesive for the Sikadur-Combiflex® SG System

Tin Size
6kg



■ Sika® MonoTop® 130 Seal

Sika MonoTop®130 Seal one part flowable shrinkage compensated general purpose cementitious grout for waterproofing Usages. Ideal for sealing around pipe penetrations and core drilled holes on structural concrete.

- Easy to use, ready to mix
- Prebatched for quality
- Just add water
- High compressive strength gain
- Contains no chloride admixtures
- Shrinkage compensated
- Fire rating and protection properties
- Can be pumped or poured
- For exterior and interior use



- Usage**
- Filling cavities, voids, gaps and recesses
 - Sealing around penetrations
 - Machine and base plates

Yield	Bag Size
13ltr	25kg



■ Visqueen Low Permeability Gas Membrane



Visqueen Low Permeability Gas Membrane used for Radon NHBC amber 1 site conditions.

- Approved for use in NHBC Amber 1
- High quality robust co-polymer thermoplastic material
- Supplied in centre folded sheeting which reduces the risk of cracks in screed
- A high performance radon membrane
- BBA Certificate 13/5069

System Components

- Visqueen Double Sided Jointing Tape
- Visqueen Gas Resistant (GR) Foil Tape
- Visqueen Top Hat Units
- Visqueen TreadGUARD1500
- Visqueen Pro Detailing Strip



■ Visqueen Radon Membrane



Visqueen Radon Membrane offers a safe solution from radon gas.

- Independently tested for radon resistance
- BBA Certified
- Also acts as a Damp Proof Membrane
- Complies with BR 211: 2015

System Components

- Visqueen Double Sided Jointing Tape
- VisqueenPro Single Sided Tape
- Visqueen Top Hat Units
- Visqueen TreadGUARD1500
- Visqueen Pro Detailing Strip
- Visqueen Radon Sump



■ Visqueen Gas Barrier

Visqueen Gas Barrier, protection of buildings against methane, radon and carbon dioxide.

- BBA approved, fully complies with BS8485:2015
- Low permeability to methane, radon and carbon dioxide
- Approved for use in NHBC Amber 2 applications
- Multi-layer reinforced LDPE membrane with aluminium core
- High puncture and tear resistance

System Components

- Visqueen Double Sided Jointing Tape
- Visqueen Gas Resistant (GR) Foil Tape
- Visqueen Top Hat Units
- Visqueen TreadGUARD1500
- Visqueen Pro Detailing Strip



■ Visqueen Ultimate RadonBlok 400

Visqueen Ultimate RadonBlok 400, a unique high performance co-polymer thermoplastic radon barrier for use from sealing floors to walls.



- Irish Agreement Board Certificate No.05/0214 - Radon Barrier System
- CE Mark EN13967 - Flexible sheets for waterproofing. Plastic and rubber damp proof sheets including plastic and rubber basement tanking sheet.
- Resistance to moisture in accordance with Technical Guidance Document C
- Used above or below concrete floors in accordance with Visqueen design specification

System Components

- Visqueen RadonBlok Double & Single Jointing tape
- Visqueen Preformed Units and Top Hats
- Visqueen Axiom UniSeal
- Visqueen Zedex CPT High Performance DPC



■ Visqueen Ultimate RadonBlok 600

Visqueen Ultimate RadonBlok 600 a unique high performance co-polymer thermoplastic radon barrier for use in extreme conditions from sealing floors to walls.



- Irish Agreement Board Certificate No.05/0214 - Radon Barrier System
- CE Mark EN13967 - Flexible sheets for waterproofing. Plastic and rubber damp proof sheets including plastic and rubber basement tanking sheet.
- Resistance to moisture in accordance with Technical Guidance Document C
- Above or below concrete floors in accordance with Visqueen design specification

System Components

- Visqueen Ultimate RadonBlok welded system
- Visqueen TreadGuard



■ Visqueen Ultimate VOC BLOK

Visqueen Ultimate VOC BLOK, flexible membrane gas membrane.



- Conforms in full to CIRIA C748 and BS8485:2015
- Excellent VOC and methane barrier resistance
- NO protection required
- Flexible at low temperatures – limits stress cracking
- For VOC/Hydrocarbon contaminated sites in accordance with CIRIA C748
- Carbon dioxide and methane sites in accordance with BS8485:2015
- Radon affected sites in accordance with BRE211:2015
- Damp protection in accordance with Building Regulations part C

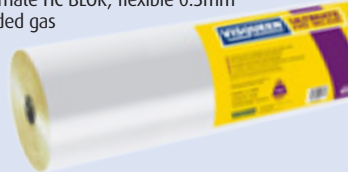
System Components

- Visqueen Ultimate Double Sided Bonding Tape
- Visqueen Ultimate Lap Tape
- Visqueen Ultimate Top Hat Units
- Visqueen Pro Detailing strip



■ Visqueen Ultimate HC BLOK

Visqueen Ultimate HC BLOK, flexible 0.5mm thick coextruded gas membrane.



- Conforms to CIRIA C748 and BS8485:2015
- Excellent VOC (vapour) and methane barrier resistance
- Exceptional flexibility and puncture resistance
- Outstanding welding characteristics, saves time / cost
- For VOC/Hydrocarbon (gaseous phase) contaminated sites in accordance with CIRIA C748
- Carbon dioxide and methane sites in accordance with BS8485:2015
- Radon affected sites in accordance with BRE211:2015
- Damp protection in accordance with Building R Gas regulations part C

System Components

- Visqueen Ultimate Double Sided Bonding Tape
- Visqueen Ultimate Lap Tape
- Visqueen Ultimate Top Hat Units
- Visqueen Pro Detailing strip



■ Visqueen Ultimate Geoseal

Visqueen Ultimate Geoseal, flexible pre-applied membrane textured on one side to aid adhesion to concrete.



- Conforms to BS8102:2009, CIRIA C748 and BS8485:2015
- Unique pre-applied and gas resistant membrane
- Excellent VOC & methane barrier resistance
- Exceptional puncture resistance
- For waterproofing applications to BS8102:2009 type A
- Slab edges and permanent shutter work
- Tanking below ground structure e.g. lift pits
- VOC/Hydrocarbon contaminated sites in accordance with CIRIA C748
- Carbon dioxide and methane sites in accordance Structural with BS8485:2015

System Components

- Visqueen Ultimate Double Sided Bonding Tape
- Visqueen Ultimate Lap Tape
- Visqueen Ultimate Retaining Disk



■ Visqueen Self Adhesive Membrane (SAM)

Tanking waterproofing system for vertical tanking or horizontal self adhesive applications.



- Self-adhesive membrane for above and below ground
- Tough, high performance, high density polyethylene membrane
- Provides resistance to puncture and tearing
- Use with unique Visqueen HP Tanking Primer to obtain best adhesion
- CE Mark to EN13969
- BBA 15/5208
- Used in vertical tanking or horizontal applications, such as underground basements, lift pits or retaining walls

System Components

- Visqueen High Performance (HP) Tanking Primer
- Visqueen TreadGUARD1500
- Visqueen Protect & Drain 6, 12 & 25
- Visqueen Top Hat Unit
- Visqueen Pro Detailing Strip



■ Visqueen Zedex CPT High Performance DPC

Visqueen Zedex CPT High Performance DPC, co-polymer thermoplastic (CPT) DPC for all types of building construction.



- Outperforms all other high performance flexible DPCs
- Contains no hazardous pitch or PVC plasticizers
- Excellent tear resistance under high compressive loads
- Low permeability to radon
- BBA Certificate No.94/3059
- Suitable for use as a DPC in all types of building construction
- High loading applications
- Vertical, horizontal, stepped and cavity tray applications high tear and puncture resistant
- Radon resistant DPC

System Components

- Visqueen Zedex Jointing Tape
- Visqueen DPC Surface Fixing System Strip/Pins
- Visqueen Preformed Cavity Tray Units
- Visqueen Pro Detailing Strip



■ Visqueen Gas Resistant DPC

Visqueen Gas Resistant DPC, flexible DPC with an aluminium foil.



- Aluminium foil to resist methane, CO₂, radon and low levels of hydrocarbon
- Conforms to BS8485:2015
- Use as part of an integral gas protection system
- Independently assessed
- Use on any site where methane, CO₂, radon or low level hydrocarbon vapours are a problem
- Vertical, horizontal, stepped and cavity tray applications

System Components

- Visqueen Zedex Jointing Tape
- Visqueen Gas Resistant (GR) Foil Tape
- Visqueen DPC Surface Fixing System Strip/Pins
- Visqueen Preformed Cavity Tray Units
- Visqueen Pro Detailing Strip



■ Visqueen Gas Resistant Self Adhesive Membrane (GR SAM)



Visqueen Gas Resistant Self Adhesive Membrane (GR SAM), for above and below ground applications where carbon dioxide, radon or methane are present.

- Self-adhesive membrane for above and below ground application
- Superior adhesion and waterproofing qualities
- Integral aluminium foil for resistance to methane, radon and carbon dioxide
- BBA 15/5208 certified
- For sites previously used for landfill as a result of bacteriological conditions

System Components

- Visqueen High Performance (HP) Tanking Primer
- Visqueen TreadGUARD1500
- Visqueen Top Hat Unit
- Visqueen Pro Detailing Strip
- Visqueen Protect & Drain 6, 12 & 25



■ Visqueen TorchOn Tanking Membrane

Visqueen TorchOn Tanking Membrane, robust waterproofing membrane, used for heavy duty tanking and gas proofing applications.

- Robust tanking membrane
- Ideal for cold weather application
- Suitable for gas protection applications
- Torch bonded laps provide a homogeneously sealed junction
- Used in basements, car parks, lift pits, reinforced concrete slabs and retaining walls
- BBA 15/5208 certified
- Used below ground structures where high levels of water pressure exist
- Used as a horizontal damp proofing membrane or in low risk situations

System Components

- Visqueen High Performance (HP) Tanking Primer
- Visqueen Protect & Drain
- Visqueen Top Hat Unit
- Visqueen Protect & Drain 6, 12 & 25



■ Visqueen Preformed Units

Visqueen Preformed Units, preformed cavity tray units for detailing at columns, corners, windposts, change of levels.

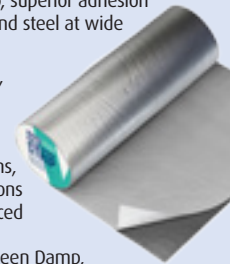
- Manufactured in the UK from specially formulated, flexible co-polymer material
- Designed to simplify the damp proofing of complex cavity tray junctions
- Speeds up cavity tray installation and eliminates leakage paths
- Ensures compliance with industry recommendations and standards
- Built-in and surface fixed units available
- Free on-site service for design of project specific Preformed units



■ Visqueen Pro Detailing Strip

Visqueen Pro Detailing Strip, superior adhesion to concrete, polyethylene and steel at wide ranging temperatures.

- Self adhesive silver faced, aluminium lined film
- 2 x superior adhesion in cold weather
- Ideal for complex junctions, stanchions and terminations
- Utilises Visqueen's advanced adhesion technology
- BBA approved with Visqueen Damp, Gas and Tanking membranes
- Used with Visqueen HP Tanking Solution to obtain best performance



Roll Size

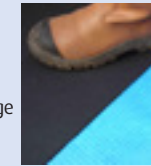
- 300mm x 10m
- 500mm x 10m



■ Visqueen TreadGUARD1500

Visqueen TreadGUARD1500, 100% recycled embossed board designed to protect membranes from general footfall.

- Protects membranes from damage
- Tough, durable and non-compressive
- Part of the BBA Approved System
- Complies with BS 8102:2009



■ VisqueenPro Double Sided DPM Jointing Tape

VisqueenPro Double Sided DPM Jointing Tape, high performance double sided butyl mastic tape for damp proof membrane joints.

- Resists moisture & gas ingress
- Excellent adhesion
- BBA Approved
- Part of the VisqueenPro 2 part system



Roll Size

- 50mm x 10m



■ Visqueen High Performance Tanking Primer

Visqueen High Performance Tanking Primer, black elastomeric bituminous priming solution designed for use with Visqueen products.

- Gives superior bond on torch applied and self adhesive membranes
- Ideal for application in low temperatures (down to -4°C)
- Suitable for green concrete and damp surfaces
- Quick and easy to apply



Tin Size

- 5ltr



■ Visqueen Megafilm Flame Retardant (FR) Tape

Visqueen Megafilm Flame Retardant (FR) Tape, ribbed flame retardant tape coated with a rubber based clear adhesive system.

- Resists Moisture & Gas ingress
- Excellent adhesion
- BBA Approved



Roll Size

- 75mm x 33m



■ VisqueenPro Single Sided DPM Jointing Tape

VisqueenPro Single Sided DPM Jointing Tape, fibre reinforced tape coated with a high tack aggressive adhesive system for sealing laps in damp proof membranes.

- Independently tested for peel and adhesion
- Crossweave film for excellent anti-tear properties
- Part of the BBA approved DPM Jointing system



Roll Size

- 75mm x 25m



Comprehensive stock

Competitive prices

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■ Visqueen Zedex DPC Jointing Tape

Visqueen Zedex DPC Jointing Tape, a high performance double sided butyl tape.

- Resists moisture & gas ingress
- Excellent adhesion
- BBA Approved



Roll Size
100mm x 15m



■ Visqueen Single Sided Vapour Jointing Tape

Visqueen Single Sided Vapour Jointing Tape, high Performance VCL is suitable for forming airtight seals at joints.

- Outstanding working temperature range -40°C to 40°C
- Exceptional adhesion to polythene, wood and metal
- Displaces moisture ensuring good bond to surface



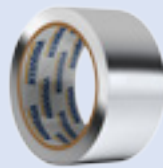
Roll Size
50mm x 15m



■ Visqueen Gas Resistant (GR) Foil Tape

Visqueen Gas Resistant (GR) Foil Tape, for sealing gas membranes (Visqueen LPGM, Visqueen Gas Barrier and Radon).

- Provides a gas tight seal for gas membrane overlaps
- Secures gas membranes to DPCs
- Part of BBA Approved Gas Membrane systems



Roll Size
75mm x 50m



■ Visqueen UDG Double Sided Tape

Visqueen UDG Double Sided Tape, for bonding together Visqueen UDG Membranes and permeable paving

- Bonds and seals Visqueen UDG Membranes (no more than 2 units deep)
- Excellent adhesion



Roll Size
100mm x 15m



■ Visqueen Double Sided Vapour Tape

Visqueen Double Sided Vapour Tape, high Performance VCL is suitable for forming airtight seals at joints.

- Utilises Visqueen's advanced adhesive technology
- Outstanding appliance temperature range -40°C to 40°C
- Exceptional adhesion to wood and metal
- 30x more aggressive than standard adhesive systems at low temperatures
- Displaces moisture ensuring good bond to surface

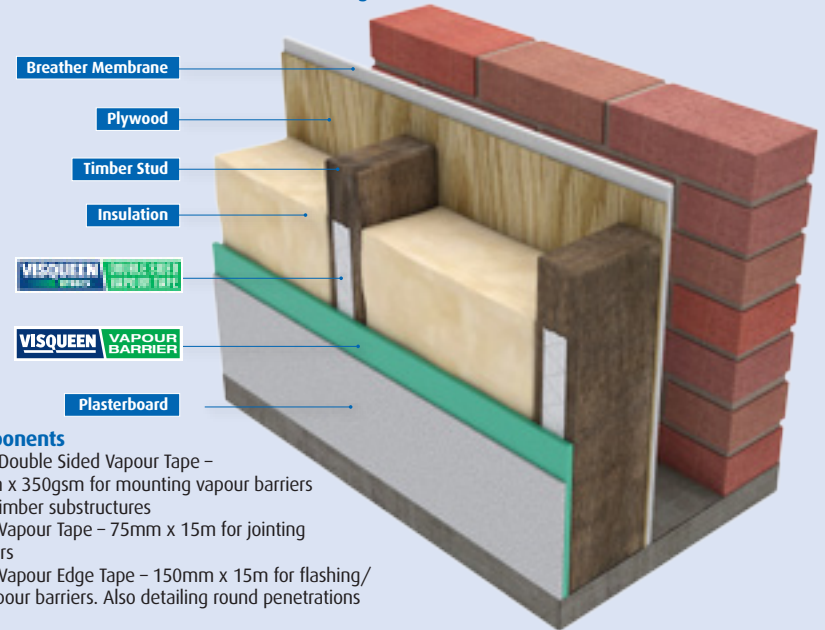


Roll Size
20mm x 50m



■ VisqueenPro Vapour Barrier Tape System

VisqueenPro's new high performance range of vapour control tapes, when installed correctly with Visqueen Vapour Barrier membrane (also known as Vapour Control Layers, VCLs), restrict vapour permeation and increase the thermal efficiency of buildings. Visqueen's Vapour Control system is part of a "Build tight-Ventilate right" strategy and protects insulation from condensation damage.



System Components

- VisqueenPro Double Sided Vapour Tape – 20mm x 50m x 350gsm for mounting vapour barriers on metal or timber substructures
- VisqueenPro Vapour Tape – 75mm x 15m for jointing vapour barriers
- VisqueenPro Vapour Edge Tape – 150mm x 15m for flashing/sealing of vapour barriers. Also detailing round penetrations

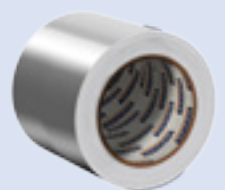
■ VisqueenPro Double Sided Vapour Tape

- Utilises Visqueen's advanced adhesive technology
- Outstanding appliance temperature range -40°C to 40°C
- Exceptional adhesion to wood and metal
- 30x more aggressive than standard adhesive systems at low temperatures
- Displaces moisture ensuring good bond to surface



■ VisqueenPro Vapour Jointing and Pro Edge Tape

- Super aggressive foil laminate adhesion
- Performs effectively in sub-zero temperatures
- Multi surface tape
- Water vapour tight seal
- Puncture resistant



Comprehensive stock

Competitive prices

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■ Visqueen Axiom Guard System



Visqueen AXIOM Guard system is a unique single component polyurethane liquid membrane. The system gives superior adhesion to concrete, polyethylene and steel at wide ranging temperatures. Tested and compared to standard bitumen adhesives at low temperatures and has over twice the peel and adhesion properties. New adhesive has proven to work at below 5°C.

- New liquid technology living superior performance
- No complicated pre-mixing
- Formulated grade for below ground applications
- Excellent weather and UV resistance
- Fast curing, elastic and flexible at extreme temps
- BBA approved with Visqueen Damp, Gas and Tanking membranes
- Ideal for complex junctions, stanchions and terminations

System Components

- Axiom Guard H+ for Horizontal Applications
- Axiom Guard V+ for Vertical Applications
- Axiom Primer for priming and sealing surfaces
- Visqueen Pro Detailing Strip made of a silver faced, aluminium lined film utilising Visqueen's advanced self adhesive system, supplied in 300mm x 10m rolls



■ Visqueen AXIOM Guard Primer

Visqueen AXIOM Guard Primer, one component, polyurethane based primer suitable for all substrates.

- Highly penetrative formulation
- Same-day primer
- Quick & easy to apply
- Part of the Visqueen AXIOM Guard liquid waterproofing system
- BDA approved

Usage

- Brick, metal and wood
- In blockwork applications Visqueen recommend Visqueen AXIOM UniSEAL as one part waterproofing solution



■ Visqueen AXIOM Guard V+

Visqueen AXIOM Guard V+, single component waterproofing membrane for vertical surfaces.

- Offers a safe solution for the protection of buildings and occupiers against damp radon and on NHBC amber 1 site conditions
- For external Tanking, basements, substructures
- Retaining walls
- Superstructures
- For Concrete, Brickwork, Timber or Steel
- Visqueen recommend 2 coats in this application therefore to aid installation we offer 2 colours – white (1st coat) and grey (2nd coat)
- The use of a two-colour system allows the easy identification of any areas that have been missed with the second coat. Use with Visqueen AXIOM Guard Primer



■ Visqueen Axiom Guard H+

Visqueen Axiom Guard H+, single component waterproofing membrane for horizontal surfaces.

- Offers a safe solution for protection of buildings and occupiers against, damp radon and on NHBC amber 1 site conditions
- External Tanking, basements, substructures
- Retaining walls
- Superstructures
- For Concrete, Brickwork, Timber or Steel
- Visqueen recommends 1 coat in this application with a 15 kilo tin covering coverage of 10m². Use with Visqueen AXIOM Guard Primer



■ Visqueen Axiom Shield LAC

Visqueen Axiom Shield LAC, easy to use, high performance cold applied liquid membrane which rapidly dries to form a damp proof membrane.

- New liquid technology giving superior performance
- High performance DPM
- Quick & easy to apply;
- fast installation
- Excellent coverage rates
- BDA approved

Usage

- Specially formulated for damp and waterproofing ground floors and behind cladding applications
- May also be applied to the internal face of external walls above ground level to prevent the penetration of moisture



■ Visqueen Axiom CreteSeal

Visqueen Axiom CreteSeal, low modulus structural concrete expansion joint sealant which cures by reaction with atmospheric humidity to produce a joint sealant with a 50% joint movement accommodation factor.

- A high performance structural concrete expansion joint sealant
- A unique one component polyurethane & silylated PU technology
- Easy to apply even at low temperatures
- Accommodates up to 50% joint movement
- Remains elastic <0°C



■ Visqueen Axiom Uniseal

Visqueen Axiom Uniseal, two part liquid membrane system which cures rapidly to give a continuous tough rubberlike, fully bonded waterproofing coating for various applications.

- New liquid technology giving superior performance
- Perfect for detailing irregular profiles and penetrations
- Creates a fillet in just one pass – NO Complicated build-ups
- Fast curing, elastic & flexible at extreme temperatures
- Compliments Visqueen's self-adhesive waterproofing membranes
- Formulated for masonry applications including blockwork
- BDA approved
- BAB 18-077/02/A

Usage

- Fillet and reinforcement material at inside corners
- Detailing irregular profiles and pipe penetrations such as steel stanchions
- Waterproofing blockwork externally and internally
- Sealing steel reinforcements
- Sealing materials at terminations



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Competitive prices

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Flooring

Our range of Flooring products are designed to meet the most stringent demands across a wide spectrum of Industries. Whether you require abrasion resistance, chemical attack, hygiene standards, anti-slip, dust sealing and line-marking. Our wide range of repair mortars are designed to reinstate damaged or dangerous holes in concrete floors, repair eroded or damaged concrete, bay edges and broken steps. Kestral's screed products can also be used to make up differences in floor levels. With our wide range of products we aim to provide solutions to all your flooring problems.

■ ARDEX AF 145

ARDEX AF 145 used as a wet set or pressure sensitive vinyl adhesive.

- Flooring fitted in as little as 20 minutes
- Can receive vinyl sheet up to 80 minutes after airing
- Excellent early and long term adhesive strength
- High temperature resistance

Usage

- Vinyl Sheet, Vinyl Composition Tiles, Cushioned Vinyl and Luxury Vinyl Tiles

Coverage (per tub)	Tub Size
Up to 48m ²	12kg



■ ARDEX AF 165

ARDEX AF 165 designed to offer excellent early and long term vinyl adhesive strength.

- High initial tack
- Can receive floor coverings up to 30 minutes after airing
- High temperature resistance

Usage

- Vinyl Sheet and Cushioned Vinyl

Coverage (per tub)	Tub Size
Up to 67m ²	14kg



■ ARDEX AF 325

ARDEX AF 325 Low Emission Carpet Adhesive. Excellent early grab means that carpets can be installed in as little as 5 minutes.

- Up to 30 minute extended working time
- Rapid strength development
- High temperature resistance, suitable for use over underfloor heating systems
- Ideal for use with the double stick method, in conjunction with ARDEX AF 825 Tackifier
- Solvent free, low odour

Usage

- Woven, Actionbac, Latex, Gel Foam, Needle Punch/ Fibre Bonded, PVC, Secondary Backed and Felt Carpets

Coverage (per tub)	Tub Size
Up to 35m ²	14kg



■ ARDEX AF 175

ARDEX AF 175 Luxury Vinyl Tile Adhesive, fibre reinforced, ideal for installing all types of LVT.

- Fibre reinforced:
 - Minimises lateral movement during installation
 - Eliminates adhesive squeeze between tiles and planks
 - Improved indentation resistance
- Install tiles and planks after just 5 minutes
- Walk on after 2 hours
- High temperature resistance, suitable for use over underfloor heating systems

Usage

- Luxury Vinyl Tiles and Planks, Cushioned Vinyl and Vinyl Composition Tiles

Coverage (per tub)	Tub Sizes
Up to 48m ²	6kg and 12kg



Comprehensive stock

Competitive prices

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■ ARDEX AF 825

ARDEX AF 825 Fastest Carpet Tackifier Adhesive. Instant release allowing worn or damaged carpet tiles to be replaced easily.

- Install floor coverings in as little as 10 minutes, or up to 24 hours after application
- High temperature resistance

Usage

- Bitumen Backed Carpet Tiles, Gel Backed Carpet Tiles and PVC Carpet Tiles

Coverage (per tub)	Tub Size
Up to 125m ²	10kg



■ ARDEX AF 2525

ARDEX AF 2525 two component heavy duty floor covering adhesive.

- Moisture, weather and water resistant
- Suitable for internal and external use
- High temperature resistance, for use in areas of direct sunlight e.g. conservatories
- Very high bond strength, for use in high load areas
- Easy to mix and apply
- Very low emissions, solvent free

Usage

- All types of vinyl, rubber, exterior floor coverings such as artificial grass, dense non-absorbent backed floor coverings and some timber floor coverings
- Used with all ARDEX Latex and Water-Based Levelling and Smoothing Compounds in both commercial and domestic locations internally and externally

Coverage (per tub)	Tub Size
Up to 20m ²	5.11kg



■ ARDEX AF 2575 PLUS

ARDEX AF 2575 PLUS Heavy Duty Adhesive ideal for conservatories and other areas of direct sunlight.

- Moisture, weather and water resistant
- Suitable for internal and external use
- High temperature resistance
- Zero waste - ready mixed and resealable
- Suitable for installing LVT to walls

Usage

- Artificial Grass, Vinyl Composition Tiles, Luxury Vinyl Tiles, Rubber Sheet up to 4mm thick, Vinyl Sheet and Rubber Tiles up to 9mm thick

Coverage (per tub)	Tub Size
Up to 23m ²	7kg



■ ARDEX AF 2365

ARDEX AF 2365 universal flooring adhesive. Suitable for installing all main floor covering types.

- Once applied, floor coverings can be installed up to 40 minutes later
- High temperature resistance, suitable for use over underfloor heating systems
- Solvent free, very low emissions

Usage

- Luxury Vinyl Tiles and Planks, Textile, Rubber up to 2.5mm thick, Linoleum, Vinyl Sheet and Cushioned Vinyl

Coverage	Tub Sizes
Up to 67m ²	6kg and 14kg



■ ARDEX AF 275

ARDEX AF 275 is designed specifically for adhering rubber sheet and tile floor coverings up to 4mm thick in interior dry locations. It has very good early and long term adhesive strength and is protected from biodegradation.



- Fibre reinforced:
 - Maximum bond strength
 - Minimises lateral movement during installation
 - Eliminates adhesive squeeze between tile joints
- Improved indentation resistance
- Can receive rubber floor coverings in as little as 5 minutes
- High temperature resistance, suitable for use over underfloor heating systems

Usage

- Rubber sheet and tile floor coverings up to 4mm thick

Coverage (per tub)	Tub Size
Up to 40m ²	12kg



■ ARDEX AF 635

ARDEX AF 635 is a heavy duty, solvent-free dispersion based contact adhesive. Ideal for securing floor coverings accessories and profiles to internal vertical and horizontal surfaces such as, walls, ceilings and stairs.



- Solvent free formulation and very low emission
- Easy to apply with a short-piled roller, or paintbrush
- Ideal for cap and cove installations
- Long working time
- Long bond and high initial tack
- Foot trafficable immediately after application

Usage

- Vinyl, linoleum, textiles, (including needle punch) rubber floor coverings, flexible stair nosings, vinyl and rubber skirtings, accessories and flexible stair stringers

Coverage (per tub)	Tub Size
Up to 500gm ²	2.5kg



■ ARDEX AF 785

ARDEX AF 785 Lino Adhesive is ideal for adhering all types of linoleum sheet and tiles, with excellent early and long term adhesive strength.



- High initial grab
- Excellent adhesive transfer to the floor covering backing
- Excellent early and long term adhesive strength
- High temperature resistance, suitable for use over underfloor heating systems

Usage

- Linoleum sheet and tiles

Coverage (per tub)	Tub Size
Up to 39m ²	14kg



■ ARDEX AF 835

ARDEX AF 835 High Grab Tackifier Adhesive is designed for securing carpet tiles whilst offering instant release, allowing worn or damaged carpet tiles to be replaced easily. Use as part of the double stick method with ARDEX AF 325 Low Emission Carpet Adhesive.



- Can be used as a permanent or release bond adhesive
- Ideal for carpet underlays and carpet tiles
- Floor coverings installed in 20 minutes to 24 hours
- Versatile application: Apply with a trowel and roller
- All in one system for facilitating the double stick method for carpet installations
- Low odour and very low emissions

Usage

- Carpet tiles with bitumen, felt, fleece and PVC/PUR backings

Coverage (per tub)	Tub Size
Up to 71m ²	10kg



■ ARDEX AF 148

ARDEX AF 148 is a pressure sensitive flooring adhesive which has a 3 hour working time making it ideal for all types of vinyl on large projects.



- Exceptional final bond strength
- High temperature resistance, suitable for use over underfloor heating systems
- Extended 3 hour working time
- Solvent free

Usage

- Vinyl sheets, vinyl tiles and LVT

Coverage (per tub)	Tub Size
Up to 52m ²	10kg



■ ARDEX ARDITEX NA

ARDEX ARDITEX NA ultra rapid setting latex subfloor levelling and smoothing compound - no ammonia.



- Install floor coverings after 4 hours, ceramic tiles in as little as 3 hours
- Can be used with confidence over old adhesive residues including bitumen
- Unaffected by moisture, can be used under an ARDEX Damp Proof Membrane and direct to damp concrete
- Feather edge to 12mm in one application, up to 30mm thick incorporating ARDEX Coarse Aggregate
- Suitable for use on floors with underfloor heating

Usage

- Excellent adhesion without priming to almost all substrates, including flooring grade plywood, ARDEX Damp Proof Membranes and ceramic tile

Coverage (3mm thickness)	Sizes
5m ²	20kg Bag
	4.85kg Container



■ ARDEX P 10 SR

ARDEX P 10 SR Rapid Hardening Crack Repair Resin Kit is a solvent free polymer modified 2 component silicate resin system. The kit is easy to use and includes stitching pins, mixing/dosing bottles and protective gloves.



- Easy to use, no mixing equipment required
- Fast setting and load bearing in as little as 20 minutes
- Full kit provided for the stitch repair of cracks and joints
- Low viscosity with high penetrating capabilities
- Odourless and low emission
- Can also be used as an adhesive to fix metal profiles, carpet grippers etc.

Usage

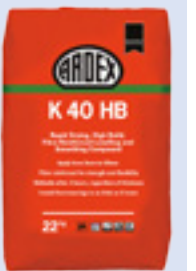
- Rapid repair and bonding of static non-structural cracks and static joints in concrete and sand/cement screeds

Coverage (per kit)	Kit Size
Up to 4 linear meters	600ml



■ ARDEX K 40 HB

ARDEX K 40 HB rapid drying, high build, fibre reinforced levelling and smoothing compound.



- Apply from 3mm to 40mm
- Fibre reinforced for strength and flexibility
- Walkable in approximately 2 hours, regardless of thickness
- Install resilient and timber floor coverings in as little as 6 hours
- Fix tiles after 2 hours
- Extended 30 minute working time

Usage

- New and existing internal subfloors including concrete, cement/sand screeds, anhydrite screeds, stone, terrazzo and ceramic tiles, and suitable timber floors

Coverage (3mm thickness)	Bag Size
4m ²	22kg



■ ARDEX ARDITEX CL

ARDITEX CL two part Latex Levelling and Smoothing Compound with excellent flow and application properties.

- Apply floor coverings after as little as 12 hours
- Receive light foot traffic in as little as 2 hours
- Excellent flow and application properties
- Ideal for new build projects
- Can be used on heated screeds
- Can be applied up to 10mm in a single application

Usage

- Internal subfloors such as concrete, cement/ sand and Gypsum (anhydrite) screeds



Coverage (2-3mm thickness)	Sizes
5m ²	20kg Bag 4.5kg Container



■ ARDEX K 39

ARDEX K 39 Heavy duty, high flow levelling and smoothing compound.

- Excellent Flow - Market Leading Workability
- Extended working time of 40 minutes
- Superior flow and finish, with minimum effort
- Eliminates trowel marks
- Walkable in 2 hours
- Spike rolling not always necessary
- 1.5mm up to a maximum of 10mm in a single application

Usage

- Single application, all uneven internal sub-floors including concrete, cement/sand screeds, anhydrite screeds etc.



Coverage (2mm thickness)	Bag Size
7.4m ²	22kg



■ ARDEX K 15 NEW

ARDEX K 15 NEW Rapid Drying Heavy Duty Self-Levelling Sub-Floor Smoothing Compound.

- Receives floor coverings in as little as 4 hours
- Rapid hardening - walk on after 2 hours
- Hand mixed or pump applied
- Apply from 1.5mm up to 35mm thick
- Strong - high compressive strength
- Ideal for LVT installations
- Suitable for floors with underfloor heating

Usage

- Single application, most uneven internal subfloors including concrete, cement/sand screeds, porcelain, ceramic, quarry tiles and anhydrite screeds etc.



Coverage (3mm thickness)	Bag Size
5.25m ²	22kg



■ ARDEX K 15-HB

ARDEX K 15-HB High Build, Rapid Drying Sub-Floor Smoothing Compound.

- Apply from 5mm to 35mm in one operation
- Rapid hardening - walkable in approximately 2 hours, even with thick applications
- Rapid drying - dry within 24 hours, even with thick applications
- Ceramic floor tiles can be fixed after 4 hours
- Can be hand mixed or pump applied
- Strong - high compressive strength
- Suitable for floors with underfloor heating

Usage

- Levelling tamped, uneven, damaged or rained-on in-situ concrete subfloors, adjusting tolerances or camber problems between floors, slabs or pre-cast concrete as well as pre-levelling old subfloors and screeds in renovation projects



Coverage (5mm thickness)	Bag Size
2.7m ²	22kg



■ ARDEX FA 20

ARDEX FA 20 Rapid Drying, Floor Levelling and Smoothing Compound for Timber Floors.

- Rapid hardening - walkable in just 2 hours
- Rapid drying - receives floor coverings the next day
- Microtec Fibre reinforced - crack free finish
- Apply from 3mm - 10mm neat or 10mm - 20mm with addition of suitable aggregate
- Suitable for use with underfloor heating systems
- High yield

Usage

- All uneven, dry, internal subfloors including concrete, cement/sand screeds, anhydrite screeds flooring grade asphalt, timber and non-moisture resistant chipboard



Coverage (3mm thickness)	Bag Size
5m ²	20kg



■ ARDEX SD-T B

ARDEX SD-T BASE MIX cost effective pumpable rapid drying Industrial Topping Base Mix.

- Cost effective - base mix used prior to ARDEX K 80 topping layer
- User friendly - The ARDEX K80/SD-TB System can be applied from 5mm - 50mm over existing concrete surfaces in a single application
- Versatile - can receive tiles and natural stone, can be hand mixed or pump applied
- Rapid hardening, walkable in 2 hours

Usage

- Pumpable Subfloor Pre-Levelling Base Mix, pre-blended with graded aggregate to give significant cost savings on floors that require greater application thickness's



Coverage (10mm thickness)	Bag Size
1.3m ²	25kg



■ ARDEX K 11

ARDEX K 11 Rapid Hardening Levelling and Smoothing Compound.

- Rapid hardening - walkable in 2 1/2 hours regardless of thickness
- Free flowing mortar
- Receives floor coverings the next day
- Suitable for floors with underfloor heating
- Excellent surface finish even in thinner layers
- Suitable for use over traces of adhesive residues
- Ideal for use with all ARDEX flooring adhesives
- Can be applied by trowel or pump
- Low odour and high yield

Usage

- Single application for levelling and smoothing a wide range of sub-floor types including cement/sand screeds, gypsum screeds and concrete



Coverage (2mm thickness)	Bag Size
7m ²	22kg



■ ARDEX K 301

ARDEX K 301 Exterior Self Levelling Concrete Resurfacing Compound.

- Fast setting - walkable after 2-3 hours
- Rapid hardening - can withstand light vehicular traffic after 48 hours
- Easy to mix and apply - pumpable
- Apply from 2mm to 20mm thick in a single application
- Can be used with suitable resin coatings
- Suitable for internal and external applications

Usage

- Balconies, patios, domestic driveways, garages, walkways and other concrete surfaces exposed to normal foot and rubber wheeled traffic, also suitable for permanently wet areas



Coverage (2mm thickness)	Bag Size
7.8m ²	25kg



■ ARDEX K 80

ARDEX K 80 is a specially formulated cement-based compound for resurfacing and levelling existing concrete floors to give a hard, smooth, flat, wearing surface, or a base suitable for paint and resin coatings.

- Fast – install in the evening and re-open for business the next day
- Withstands heavy wheeled traffic and has excellent abrasion resistance
- Can be installed from 5mm to 10mm over existing concrete surfaces
- Pumpable

Usage

- Resurfacing and levelling existing concrete floors

Coverage (5mm thickness)	Bag Size
3m ²	25kg



■ ARDEX DPM 1 C

ARDEX DPM 1 C One Coat Damp Proof Membrane and Residual Moisture Suppressant.

- Protects the final floor covering from residual construction moisture and rising damp
- Can be applied where a structural damp proof membrane is not present or is ineffective
- Suitable for use on surfaces with the highest measurable levels of moisture content (up to 98% RH)
- Adheres to saturated concrete even at lower temps
- Can receive ARDEX Smoothing and Levelling Compounds in as little as 6 hours
- Suitable for use on cement/sand screeds containing water based under floor heating systems
- Apply ARDITEX NA direct without priming

Usage

- Damp proof membrane, or to suppress residual moisture in concrete slabs and cement/sand screeds

Pack Sizes
6kg, 10kg and 25kg



■ ARDEX K 40 FLOW

Rapid Drying High Flow Levelling and Smoothing Compound. Can be applied from 2 to 20mm, and its market leading flow and workability can help you produce the best possible finish with minimum effort.

- Excellent Flow - Market Leading Workability
- Superior finish eliminates trowel marks and additional
- Preparation when dry
- Walkable in 2 hours
- Install resilient and timber floor coverings in as little as 6 hours
- Apply from 2mm to 20mm in a single application
- Rapid dry formula, dry in 6 to 24 hours depending on thickness

Usage

- New and existing internal subfloors including concrete, cement/sand screeds, anhydrite screeds, stone, terrazzo and ceramic tiles, and suitable timber floors

Coverage (3mm thickness)	Bag Size
5m ²	22kg



■ ARDEX DPM 1 CR

Ideal for fast track installations to protect floor covering installation from residual construction moisture and ground water vapour.

- Rapid drying, can receive ARDEX Levelling and Smoothing Compounds in as little as 4 hours
- Can be applied where a structural damp proof membrane is not present or is ineffective
- Suitable for use on surfaces with the highest measurable levels of moisture content (up to 98% RH)
- Adheres to saturated concrete even at lower temps
- Suitable for use on cement/sand screeds containing water based underfloor heating systems
- Apply ARDITEX NA direct without priming

Usage

- Damp proof membrane, or to suppress residual moisture in concrete slabs and cement/sand screeds

Pack Sizes
6kg and 10kg



■ ARDEX MVS 95

ARDEX MVS 95 One Component, Residual Moisture Vapour Suppressant protects the final floor covering from residual construction moisture, ensuring fast track flooring installations.

- Fast drying – ARDEX Levelling and Smoothing Compounds can be applied in as little as 2 hours
- Apply ARDEX Levelling and Smoothing Compounds direct without priming
- Suitable for use on heated screeds
- Ready for use, resealable and reusable
- Water-based, low VOC technology

Usage

- New construction or refurbishment projects where a structural damp proof membrane is present and the relative humidity of the floor does not exceed 95% RH

Container Size

12kg



■ ARDEX P51 PRIMER

ARDEX P51 is a multi-purpose primer ideal for priming porous surfaces prior to the application of ARDEX water-based levelling and smoothing compounds.

- Multipurpose – seals and primes a wide range of applications
- For floors, walls and ceilings, including dense and porous surfaces
- Blue pigment allows clear identification of primed areas
- Convenient re-sealable tub
- Easy to use, dilute as appropriate for the application
- Low odour and solvent free

Usage

- Prepare dry internal floors, walls and ceilings to receive cement-based mortars (levelling compounds, tile adhesives, screeds) as well as plaster based materials

Coverage (per 5kg) Container Sizes

160m² 1kg, 5kg and 25kg



■ ARDEX A 950

ARDEX A 950 multi-purpose rapid drying, deep fill renovation compound used to reshape and repair walls and floors.

- High build applications up to 100mm
- Harden in as little as 1 hour
- Can receive finishes after 24 hours regardless of thickness
- Can be tiled in as little as 90 minutes
- “Dot and dab” fixing of plasterboard
- Can be used as a modelling mortar
- Low-tension, shrinkage compensated, even in thick layers
- Slump free, apply from 2mm to 100mm

Usage

- General building work, smoothing, repairing and levelling of walls and filling large cavities and deep holes around door frames, boxing in pipework, making columns and pedestals

Coverage (3mm thickness)	Bag Size
6m ²	20kg



■ ARDEX FEATHER FINISH

ARDEX FEATHER FINISH is ideal for patching and smoothing minor surface damage to levelling and smoothing compounds i.e. footprints and trowel marks.

- Floor coverings can be installed after as little as 15 minutes
- True feather edge allows for greater coverage
- Cost effective – up to 50m² coverage per 11kg bag
- No priming required

Usage

- Plywood, concrete, smoothing compounds, terrazzo and ceramic tiles, without the need to prime

Coverage (11kg bag)	Bag Sizes
50m ²	5kg and 11kg



■ Fosroc® Nitoflor DPM

Two-component, solvent-free liquid applied surface damp proof membrane and residual moisture suppressant. After curing, it provides a surface membrane with excellent adhesion to damp concrete.



- Permits early overlaying with vinyls, carpets and resin based products without the conventional "drying out" period
- Provides an alternative priming system for damp tolerant applications of Fosroc resin flooring systems

Usage

- Primer/coating on cementitious surfaces which possess high levels of residual moisture
- Can be used where an integral damp-proof membrane is either not present or not effective

Coverage	Size
4m ² /kg at 250 microns	5kg pack
2m ² /kg coats at 500 microns	5kg pack



■ Fosroc® Nitoflor FC140

High performance epoxy resin floor coating hard wearing, easily cleaned, attractive floor coating in areas where high resistance to chemical attack is required.



- Hard wearing - durable, low maintenance costs
- High resistance to a wide range of industrial chemicals
- Hygienic - impervious finish provides easily cleaned surface
- Available in a range of colours to improve the working environment

Usage

- Assembly areas, workshops, dairies, soft drinks production and bottling plants, kitchens, showrooms etc.
- Wet working areas where chemical spillage is likely

Coverage (per coat)	Size
10m ² /litre at 100 microns	4.5ltr pack



■ Fosroc® Nitoflor FC130

Nitoflor FC130 is a two-component water dispersed epoxy resin floor coating system supplied in pre-weighed packs ready for on-site mixing and use. The cured film forms a hard, semi-matt seal to concrete and other substrates.



Available in a range of standard colours and in a clear grade.

Usage

- Hard wearing - durable, low maintenance costs
- High resistance to a wide range of chemicals
- Hygienic - impervious finish provides easily cleaned surface
- Available in a range of colours to improve the working environment
- Walls and floors in warehouses, garages, light industrial and food processing areas and areas of pedestrian and light vehicular traffic
- Coating and sealer for industrial and Cemtop cementitious flooring systems

Coverage (per coat)	Size
35 to 40m ²	5kg pack



■ Fosroc® Nitoflor FC150

Nitoflor FC150 epoxy resin is used to provide hard wearing, easily cleaned attractive floor coatings in industrial areas where high resistance to chemical attack and abrasion resistant floor finish is required.



- Hard wearing - durable, low maintenance costs
- High resistance to a wide range of industrial chemicals
- Hygienic - impervious finish provides easily cleaned surface
- Available in a range of colours to improve the working environment
- Slip resistant - different textures available

Usage

- Assembly areas, workshops, dairies, soft drinks production and bottling plants, kitchens, showrooms and internal car parks etc.
- Wet working areas where chemical spillage is likely

Coverage (per coat)	Size
18m ²	4.5ltr pack



■ Sikafloor® 1 MetalTop

Sikafloor® 1 MetalTop is a one part, pre-blended, coloured metallic dry shake hardener for concrete floors comprising of cement, hard metallic non corroding aggregates, special admixtures and pigments.



- Highest wear resistance rating
- Excellent impact resistance
- Non staining, non-corroding
- Cost effective, long life floor
- Maintenance free
- Dust proof
- Slip resistant surface possible
- Available in a range of colours

Usage

- Monolithic floors
- Warehouses, heavy duty areas, factories, manufacturing facilities etc.

Coverage (2.5 - 3.0mm thickness)	Bag Size
7 kg/m ²	25kg



■ Sikafloor® 2 SynTop

Non-metallic dry shake floor hardener. Sikafloor® 2 SynTop is a one part, pre-blended, coloured synthetic dry shake hardener for concrete comprising of cement, hard aggregates, compatible admixtures and pigment.



- Very high wear resistance rating
- Good impact resistance
- Cost effective, long life floor
- Maintenance free
- Slip resistant surface possible
- Dust proof
- Increased resistance to oils and grease
- Available in colours

Usage

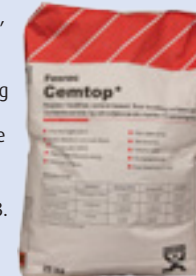
- Monolithic floors
- Warehouses, factories, supermarkets, shopping centers, offices etc.

Coverage	Bag Size
5 kg/m ²	25kg



■ Fosroc® Cemtop

Cemtop are Polymer modified, cement based, floor levelling compounds.



Supplied as a powder requiring only the addition of water to produce a self-smoothing, free flowing material.

The products are used in conjunction with Nitoprime 33.

- Very fast application
- Can be applied directly onto concrete floors
- Dimensionally stable
- Rapid hardening and curing allows speedy return to service for foot traffic and overlaying with carpets, tiles, etc.
- One-pack product eliminates on-site batching
- Can be taken down to a chamfered edge

Usage

- **Cemtop XD:** A heavy duty, highly abrasion resistant floor surfacing system. Suitable for industrial and commercial buildings, for new construction or refurb projects.
- **Cemtop GP:** A general purpose self-levelling underlayment used before applying flooring or Cemtop XD. Cemtop GP is also suitable as a floor finish for foot traffic or light commercial areas.
- **Cemtop UL:** A light duty self-levelling underlayment before applying flooring, e.g. tiles, carpets and vinyl sheeting, for foot traffic and light commercial areas.

Coverage	Bag Size
1.7kg/mm/m ²	25Kg



Comprehensive stock

Competitive prices

Call your local depot

■ Sika® Parex Granatech 40

Parex Granatech 40 is a single component slurry-applied high strength, low modulus mortar developed in response to demands from contractors for a cost-effective material purpose made for pointing of natural stone and concrete paving units.

- Quick to apply and allows rapid vehicular trafficking after 6 hrs, pedestrian traffic at 2 hrs
- BS 7533 compliant
- Designed for use with Parex FBC
- Bedding Mortar
- Economical and cost-effective
- Aesthetically pleasing smoother finish



Usage

- Rapid grouting of paved areas
- Laying cropped setts

Yield	Bag Size
13.5ltr	25kg



■ SikaFloor® 131 Level Latex Ultra

SikaFloor® 131 Level Latex Ultra is a heavy duty, high performance, latex modified, cement based, self levelling compound for floor smoothing and levelling uneven rigid internal floors. It is also suitable for exterior Usages such as sheltered balconies and walkways, prior to laying ceramic tiles, slabs and natural stone. Can be overlaid with common floor coverings or left as a final wearing surface.



- Fast setting, foot trafficable within 2 hours, can be tiled within 3 hours
- Interior & exterior use
- Can withstand vehicular traffic
- Water / frost resistant
- Usage depth 2-10 mm

Usage

- Floor levelling to floating floors, sand/cement screeds (not anhydrite) concrete slabs and pre-cast elements
- Underfloor heating Usages or on top of heated screeds
- Existing ceramic and rigid plastic tiles

Coverage (3mm thickness)	Bag Size
5m ²	25kg



■ Sikalevel® 30 Latex Ultra

Sikalevel-30 Latex Ultra is an high strength rapid setting cement based powder, which when mixed with water, can be used to level out uneven floors and screeds. May be overlaid with common floor coverings or may be left as a final wearing surface. May be applied in one coat from 2-10mm in depth (25mm when filled).



- Fast setting, foot trafficable within 2 hours, can be tiled within 3 hours
- Interior & exterior use
- Can withstand vehicular traffic
- Final wearing coat, over paintable
- Water and frost resistant
- Usage depth 2-10 mm
- Tested to EN13813 Class CT - C30-F7-AR 0.5

Usage

- Floating floors and floors with underfloor heating
- Sand/cement screeds (not anhydrite), concrete slabs and pre-cast elements
- Existing ceramic and rigid plastic tiles

Coverage (3mm depth)	Bag Size
5m ²	25kg



■ SikaScreed® Rapid 75

SikaScreed® Rapid 75 is a polymer modified, rapid setting, load bearing and over-coatable, horizontal levelling mortar that is designed for Usage in a minimum layer thickness of 12 mm. It is shrinkage compensated, plus it has high abrasion resistance and compressive strength.



- Pre-bagged for quality
- Just add water
- High early strength
- Rapid setting
- Contains no chloride admixtures
- Non corrosive to steel
- Can be overcoated
- Exterior and interior use

Usage

- Raised floors between 12 - 75mm in one step
- To form ramps
- Screed for industrial use interior or exterior

Yield	Bag Size
2.25 kg/m ² /mm	25kg



■ Sikagard® 720 EpoCem®

Sikagard® 720 EpoCem® is a three part, epoxy modified cementitious, thixotropic, fine textured mortar for levelling and finishing of concrete, mortar or stone surfaces.



- Improved chemical resistance compared to PCC mortar
- Excellent protection of concrete in aggressive environments
- Impervious to liquids but permeable to water vapour
- Excellent bond to green or hardened concrete whether damp or dry
- Fast overcoating of Sika® resin based finish products
- For internal or external use

Usage

- Levelling layer over concrete and mortars
- New works or damaged concrete, in aggressive chemical environments
- Over high moisture content substrates

Product (three part)	Size
720 EpoCem®	17kg
720 EpoCem® Hardener	2.86kg
720 EpoCem® Filler	1.14kg
Yield (three part)	
2.0 kg/m ² per mm	



■ SikaFloor® 122 Level

SikaFloor® 122 Level Self Levelling Compound is a 1-part, ready to use, protein free, cement based, self leveller for floor smoothing and levelling uneven rigid internal floors prior to applying final wearing coverings such as carpets, sheet vinyl, lino, tiles, laminates and timber.



- Ready for use, easy to place by pump or manual Usage
- Low shrinkage
- 2-4 hours walk on time (+20°C)
- Excellent freeze-thaw salt resistance

Usage

- Floor levelling to level or smooth screeds and concrete floors for foot traffic only
- Underfloor heating Usages or on top of heated screeds

Coverage (3mm thickness)	Bag Size
5m ²	25kg



■ Sikafloor® 151

Sikafloor® 151 is a 2-part, low viscosity multipurpose filled epoxy resin for priming and levelling concrete and cementitious substrates.



- Suitable for indoor Usages due to low odour
- Multipurpose product - can be used in many different kinds of Usages
- Improves the project's ecological footprint
- Low viscosity
- Good penetration
- Good bond strength
- Short waiting times

Usage

- Primer for concrete substrates, cement screeds and epoxy mortars
- Binder for levelling mortars and mortar screeds

Yield for Primer	Tin Size
1-2 x 0.35-0.55 kg/m ²	30kg
Yield for Levelling	
1.9 kg/m ² /mm	



■ SikaFloor® 125 Level

SikaFloor® 125 Level Latex is a ready to use (just add water) latex-modified smoothing and levelling compound for advanced flexibility and resilience. It is suitable for smoothing and levelling uneven rigid internal floors prior to applying final wearing coverings.



- Ready for use, easy to place by pump or manual Usage
- Low shrinkage
- 2-4 hours walk on time (+20°C)
- Excellent freeze-thaw salt resistance

Usage

- Floor levelling to concrete, sand/cement screeds (not anhydrite) quarry tiles, terrazzo and ceramic tiles
- Underfloor heating Usages or on top of heated screeds

Coverage (3mm thickness)	Bag Size
5m ²	25kg



Flooring

■ SikaFloor® 245 Level

SikaFloor® 245 Level Deep Fill Ultra is a 1-part, thick bed, cement-based smoothing and resurfacing compound for levelling out very uneven floors and screeds up to a depth of 50mm in one coat. For levelling floors prior to laying ceramic and thermo-plastic tiles, lino, wood block flooring or carpet.



- Deep filling up to 50mm (60mm filled)
- Extremely low shrinkage
- Trafficable in 4 hours
- Can be overlaid after only 4 hours
- Pot life 40 mins
- Internal and external use

Usage

- Covering sand/cement screeds, quarry tiles and terrazzo and existing, asphalt and tiling
- Underfloor heating, beneath heating cables/pipes or on top of heated screeds

Coverage (5mm thickness)	Bag Size
3.1 mm ²	25kg



■ SikaFloor® 440 Level

SikaFloor® 440 Level Fibre Reinforced is a fibre and polymer reinforced, flexible, high strength cement based levelling compound, designed specifically for use with underfloor heating and for Usage over wooden floors.



- Tough flexible finish suitable for most floor coverings
- Rapid setting and may be walked on in 3 hours
- Overlaid with ceramic tiles after only 4-5 hours
- Strong enough to accept light vehicular traffic
- Just add water
- Internal and external use

Usage

- Embedment of underfloor heating
- Final wearing surface
- Covering existing concrete, sand/cement screeds, brick, stone, unglazed ceramic tiles, plastic sheet DPC, epoxy membranes and wooden floors

Coverage (5mm thickness)	Bag Size
2.4 mm ²	20kg



■ Sika® Parex Granatech

A firm favourite of hard landscapers for many years, Parex Granatech is a one-component, high strength, shrinkage compensated, low modulus mortar developed in response to demands from contractors for a cost-effective material purpose-made for pointing of natural stone and concrete paving units.



- Quick to apply.
- Shrinkage compensated
- Pedestrian traffic at 2 hours, vehicular after 6 hours
- BS 7533 Type 40 jointing mortar
- Aesthetically pleasing finish, available in multiple colours

Usage

- Rapidly grouting paved areas
- Laying cropped setts

Yield	Bag Size
13.5ltr	25kg



Comprehensive stock

Competitive prices

Call your local depot



Marshalltown Products

For over 130 years world leading tool manufacturer Marshalltown have been the preferred supplier of tools for the concrete industry.



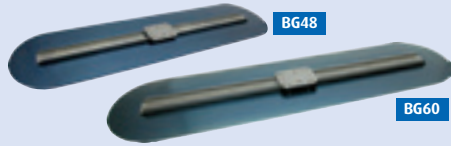
Sales@kestral.net www.kestral.net

Nationwide Depots



Marshalltown® Glider Float

'Big Blue' Glider Float is a quality blue spring steel float to provide a smooth finish to concrete.



Usage

- Rapidly finish large concrete surfaces after floating

Code	Size
BG48	1219mm x 314mm
BG60	1524mm x 314mm



Marshalltown® Twister Bracket

Universal mounting to suit Blue Floats and Blue Glider.

- Cast aluminium bracket
- Universal mounting that fits any two or four hole bull float without adapters
- Gear driven for continuous adjustment
- Maintains pitch of blade reducing stress on wrist and arms
- Fits push-button handles

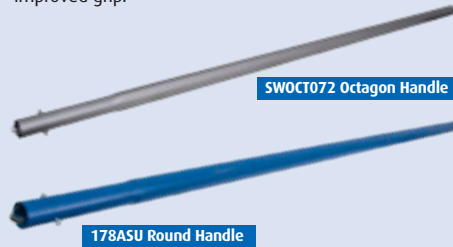


Code	Size
T91	N/A



Marshalltown® Push Button Handles

Quick connection Round and Octagon shape handles for Big Blue and Blue Floats. Octagon handle provides an improved grip.



Usage

- Quick connection handle for Big Blue and Blue Floats

Code	Size
SWOCT072	44mm x 1829mm
178ASU	1829mm x 44mm



Comprehensive stock

Competitive prices

Call your local depot

Marshalltown® Octagon Placer

Lightweight Octagonal aluminium design, braced for additional strength.



- Octagon profile provides enhanced grip for better control when placing concrete
- Lightweight aluminium design braced for added strength

Usage

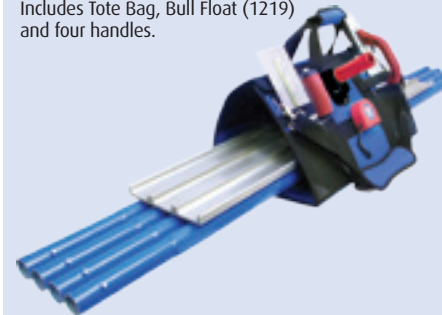
- Placing Concrete

Code	Size
OCT0753	495mm x 95mm



Marshalltown® Tote Bull Float Kit

Includes Tote Bag, Bull Float (1219) and four handles.



Code	Size
BFKIT9	N/A



Marshalltown® Channel Bull Float

Manufactured from extruded magnesium, stiffer than standard Bull Floats.



- Rounded edges allows use in either direction
- Magnesium blade durable and lightweight

Usage

- Floating Concrete

Code	Size
CB72	1829mm x 152mm



Marshalltown® Bull Float Blade

Magnesium alloy, lightweight and long lasting.



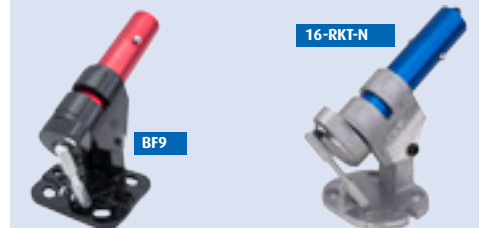
Usage

- Levelling and smoothing concrete

Code	Size
MB48RB	1219mm x 203mm



Marshalltown® Bull Float Brackets



Code	Size
BF9	N/A
16-RKT-N	N/A



■ Marshalltown® Ezyscreed with Level

Lightweight aluminium, Marshalltown's Ezyscreed™ Combo Screed has a dual-edge design. The sharp edge easily cuts down any high spots to make a level surface and the round edge conveniently creates a smooth surface, mimicking a Bull Float.



- Lightweight aluminium material
 - Comes designed with a sharp and round edge
 - Built-in level to check your work
- Usage**
- Screeding concrete with built-in level check

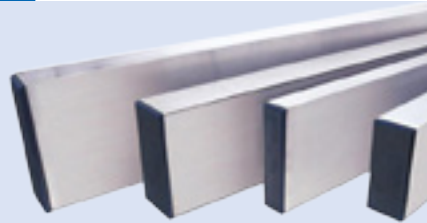
Code	Size
EZYSCREED 6	1800mm x 50mm x 40mm
EZYSCREED 8	2400mm x 50mm x 40mm



■ Marshalltown® Aluminium Alloy Screed

Aluminium Alloy Screed resists warping and rust. Lightweight and easy to carry. An H-style centre brace inside the Screed adds strength and the end caps prevent concrete from getting inside.

- Usage**
- Screeding concrete



Code	Size
14772	3700mm x 38mm x 89mm



■ Marshalltown® Combo Screed

Designed with a sharp edge and a round edge. The sharp edge easily cuts down any high spots to make a level surface and the round edge conveniently creates a smooth surface, mimicking a Bull Float.

- Lightweight aluminium material
- Adjustable handle

- Usage**
- Screenshot or check rod

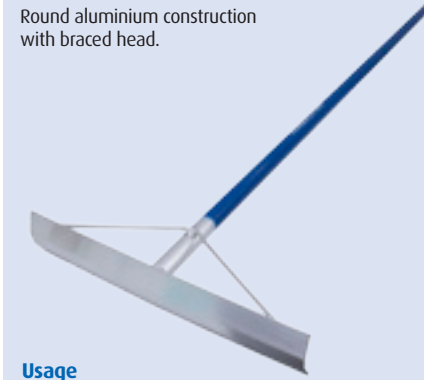


Code	Size
13744	2400mm



■ Marshalltown® Concrete Placer

Round aluminium construction with braced head.



- Usage**
- Spread and place concrete

Code	Size
AP753	495mm x 95mm



■ Marshalltown® Hand Groover

- Usage**
- Creates grooves in concrete slabs in order to control cracks

Code	Groove Size	Size
18006	13mm x 13mm	152mm x 76mm



■ Marshalltown® Pool Trowel

Spring Steel Blade.



- Usage**
- Made for curved, smooth surfaces to create a flat finish

Code	Size
SP16	405mm x 115mm



■ Marshalltown® Hand Float

Magnesium Hand Float.



- Usage**
- Achieves professional-grade finishes on concrete

Code	Size
1450	406mm x 79mm



Comprehensive stock

Competitive prices

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■ Marshalltown® Carbon Steel Trowels



Steel	Code	Shape	Size
Carbon Steel	MXS66RED	Rounded Front	406mm x 102mm
Carbon Steel	MXS66FRD	Fully Rounded	406mm x 102mm
Carbon Steel	MXS64D	Square End	356mm x 102mm
Carbon Steel	MXS66D	Square End	406mm x 102mm
Carbon Steel	MXS54D	Square End	254mm x 76mm
Carbon Steel	MXS145D	Square End	356mm x 127mm
Carbon Steel	MXS815D	Square End	457mm x 127mm



■ Marshalltown® Hand Edgers

Used to produce a radius at the edge of a slab.



Steel	Code	End Type	Size	Radius	Lip
Stainless Steel	184 SSD	Straight	203mm x 152mm	8mm	10mm
Stainless Steel	192 SSD	Straight	254mm x 102mm	13mm	16mm
Blue	CE557B	Straight	152mm x 102mm	13mm	16mm
Blue	CE555B	Straight	152mm x 102mm	6mm	10mm



Comprehensive stock

Competitive prices

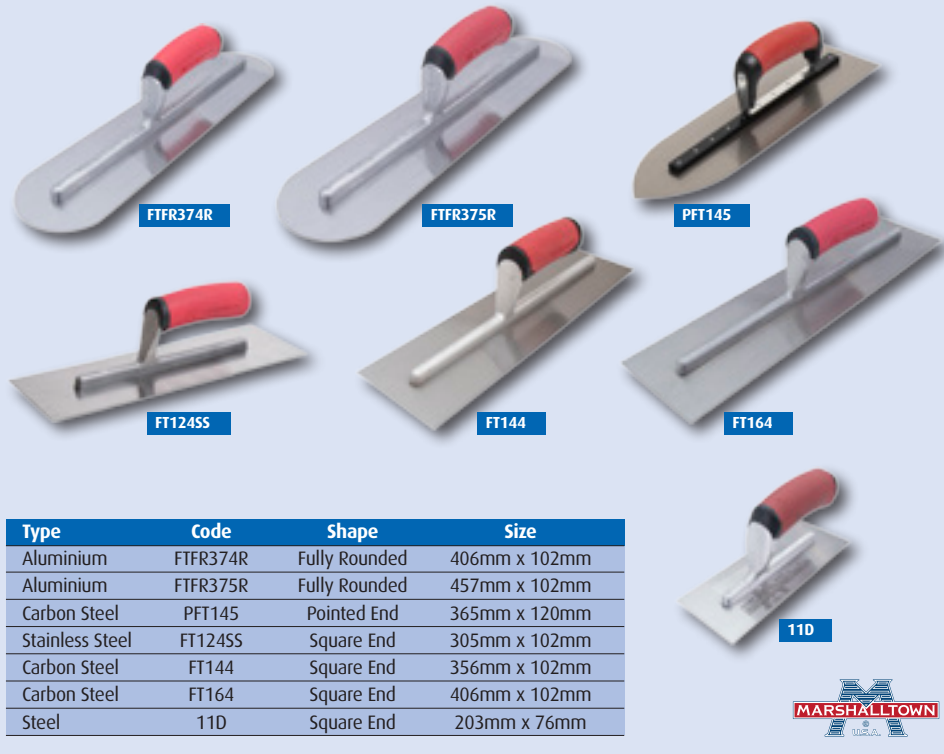
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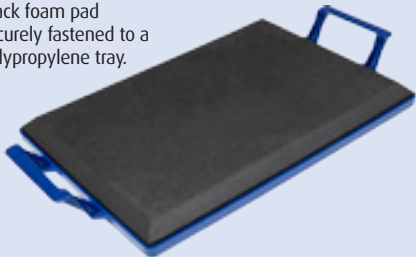
Marshalltown Products

■ Marshalltown® Steel and Aluminium Trowels



■ Marshalltown® Kneeler Board

Black foam pad securely fastened to a polypropylene tray.



Code	Size
KB451	483mm x 343mm



Comprehensive stock

Competitive prices

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