

Construction Chemicals



Ultracrete

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Highway Reinstatement Material

Keyline offers this range of proven, trusted and durable reinstatement materials – highway maintenance products that have been developed with 30+ years of experience and are all independently tested and certified. Recommended for the reinstatement of ductile and composite covers and grates.

Product	M60	Envirobed HA104®	M90	QC10 F
Keyline code	968799	543468	924153	966859
Type	Fast Set Rapid Strength Mortar	High Performance Bedding Mortar	All-Purpose Fast Set Mortar	Rapid Set Flowable Concrete
Spray				
Application	Rapid bedding of all BS EN124 manhole covers and frames. Also for bedding kerbs. Part of the HAPAS Approved System.	Fast bedding of all manhole/ access covers. Exceeds HA104 requirements, all the strengths of a resin mortar. Part of the HAPAS Approved System.	Bedding access covers, and general repairs.	Carriageway ironwork/composite backfill to create a solid restraining course. For thick section concrete repairs and heavy duty post installation. Part of the HAPAS Approved System.
HAPAS Logo to be attached to this product?	YES	YES	NO	YES
Depths	10-75mm	10-50mm	10-75mm	30-250mm
Compressive Strength	22N/mm² within 1 Hour	51N/mm² in 3 Hours	21N/mm² in 2 Hours	20N/mm² after 90 Mins
Tensile Strength	5.24N/mm² at 28 Days	5.8N/mm² in 3 Hours	3.51N/mm² at 28 Days	3N/mm² at 28 Days
Workability	5-10 Mins	15 Mins	5-10 Mins	5-10 Mins
Set Time	20 Mins	30 Mins	20 Mins	10-20 Mins
Pack Size	25kg Bag / Tub	20kg Bag and 2.5litre Unit	25kg Bag / Tub	25kg Poly Bag / Tub



Product	SCJ	Instant Road Repair	Instaband ECO	Permanent Pothole Repair
Keyline code	623714	990877	966873	550284
Type	Cold Joint Sealer and Tack Coat	Cold Lay Asphalt Concrete (macadam)	Thermoplastic Overbanding Tape (macadam)	Cold Lay Asphalt Concrete
Application	Applied to vertical edges and surface base before application of asphalt to increase material bond and prevent water ingress instantly. Part of the HAPAS Approved System.	For 1st time permanent surfacing of reinstatements. Available in 6mm and 10mm grades. For footways, footpaths, cycle tracks, types 3 and 4 carriageways. High PSV of 60. Part of the HAPAS Approved System.	Skid resistant overbanding for application to asphalt roads to prevent water ingress and progressive fretting. High skid resistance value of 60 SRV. HAPAS Approved.	For the repair of potholes in roads, driveways, and car parks etc. Fully HAPAS Approved, the first of its kind. Use in all weathers.
HAPAS Logo to be attached to this product?	YES	YES	YES	YES
Depths				
Compressive Strength				
Tensile Strength				
Workability				
Set Time				
Pack Size	750ml Aerosol, Box of 12	25kg Poly Bag / Tub	5m x 35mm Roll, Box of 10	25kg Tub

Sika Concrete Repair



Product	Sika MonoTop 615	Sika Rapid Repair Mortar
Keyline Code	520686	520683
Manufacturer	Sika	Sika
Colour	Grey	Grey
Description	Concrete Repair and Reprofiling Mortar	Fast Setting Repair Mortar with high early strength gain
Application	For interior and exterior use, easy to mix – just add water. Suitable for overhead and vertical repairs. May be trowel or spray applied.	Excellent adhesion, fast and easy to apply and only requires mixing with water.
Pack Size	25kg	25kg

Sika Bedding Mortars



Product	SikaSet 45	Sika FastFix-M60
Keyline Code	539426	714181
Manufacturer	Sika	Sika
Colour	Grey	Grey
Description	Rapid Hardening Repair and Bedding Mortar	Manhole Bedding Mortar
Application	High early strength gain: traffickable in 1 hour. Shrinkage compensated and can be used at low temperatures.	Rapid setting for the fast installation of street ironwork. Only requires mixing with water Rapid strength gain: traffickable in 1 hour. Fast and easy to apply.
Pack Size	25kg	25kg

Sika Concrete Curing



Product	Sikafloor CureHard 24
Keyline Code	539423
Manufacturer	Sika
Colour	Clear
Description	Transparent surface hardener, dustproof, sealing and curing compound for concrete
Application	One part, clear liquid to cure, harden and seal finish for hardened concrete
Pack Size	25litre
Usage Approx	10m²/litre

Sika – Construction Chemicals

Waterproofing

Sika 1 mortars are pre-batched kiln dried blends of specially graded aggregates and cements packaged in 4 grades at the appropriate mix ratios for optimum application performance and durability. When mixed with the diluted Sika 1 waterproofer liquid they provide the multi-coat components for the structural waterproofing and waterproof render systems.



Product	Sika 1 Spritz and Bonding Coat Mortar	Sika 1 Render Mortar	Sika 1 Finishing Mortar	Scredding Mortar
Keyline Code	504360	504361	504362	
Manufacturer	Sika	Sika	Sika	Sika
Packaging Colour	Red Stripe	Brown Stripe	Green Stripe	Blue Stripe
Description	Pre-batched Mortar	Pre-batched Mortar	Pre-batched Mortar	Pre-batched Mortar
Pack Size	25kg	25kg	25kg	25kg

Sika Sealants and Adhesives

Product	Sikaflex PRO 2HP	Sikaflex Construction	Sikaflex PRO 3WF	Sikaflex EBT
Keyline Code	994383 – Black, 600ml 994384 – Black, 310ml 994385 – Dark Grey, 600ml 994386 – Light Grey, 310ml 994398 – White, 600ml 994410 – White, 310ml	229514 – Grey, 310ml 229515 – White, 310ml 229516 – Grey, 600ml	994412 – Concrete Grey, 600ml	685068 – Beige, 310ml 685069 – Black, 310ml 685070 – Brown, 310ml 685071 – Grey, 310ml 685072 – White, 310ml
Manufacturer	Sika	Sika	Sika	Sika
Colour	White, Grey, Dark Grey and Black	Grey and White	Concrete Grey and Grey	Beige, Black, Brown, Grey and White
Description	Expansion Joint Sealant	Expansion Joint Sealant	Expansion Joint Sealant for Floors	Elastic Bonding Adhesive, Sealant and Filler
Application	High performance one part, gun grade, polyurethane – permanently elastic and extremely adhesive.	General purpose one part polyurethane, gun grade – permanently elastic.	High performance and abrasion resistant, one part, gun grade, polyurethane – permanently elastic and extremely durable.	Typical use weather resistant, high grab and multi-purpose.

Fosroc

Coatings



Product	Nitocote EP403	Nitocote EP405	Nitocote EN901	Dekguard W	Dekguard CP	Nitocote CM210	Nitoproof 800 System
Description	Two-part damp tolerant, chemical and abrasion resistant epoxy resin coating	Two-part epoxy resin coating	Two-part highly chemical resistant protective coating/ flooring	Water-based exterior façade coating	One-part, clear, water based coating	Flexible cementitious waterproof coating	Flexible skid resistant waterproofing coating
Application	Used to protect concrete and mild steel in sewage works, marine environments, basements and tunnels	Corrosion and water resistant coating used for lining and waterproofing potable water retaining structures	Suitable for waste water treatment, desalination, food processing and industrial plants	Used to protect exposed concrete and masonry from weathering and rain. Highly durable and UV stable	Carbonation and weather resistant coating for new and existing structures	Waterproofing potable water tanks, reservoirs, canals and culverts. DWI assessed, WRAS listed	Durable, fire resistant coating for exposed concrete balconies, walkways and wind turbine plinth bases
Colour	Light Grey	Blue, White	Grey	White, Portland, Sandstone, Magnolia	Clear	Grey, White	Mouse Grey, Signal Grey, Beige, May Green, Signal Yellow, Traffic Blue
Pack size	2.5kg pack (1.5ltr)	2.5kg (1.5ltr)	4 litre pack	10 litre	10 litre	23.2kg kit	4 component system: Nitoprime UR FS, Nitoproof 800 Membrane, Nitoproof UVR Topcoat, Nitoflor FC Anti-slip grains
Usage	7.5m² per pack	7.5m² per pack	Approx. 10m² per pack	5.5m² per litre, per coat	5.5m² per litre per coat	12.5m² per pack	Coverage rates are dependent on substrate profile and porosity

Waterproofing



Product	Proofex 3000	Proofex 3000MR	Proofex Sheetdrain	Supercast PVC	Supercast SW20
Description	Self-adhesive waterproofing membrane	Self-adhesive methane and radon resistant membrane	High density drainage membrane	Centrally and externally placed PVC waterstops	Heavy duty swellable waterstop
Application	Tough, flexible membrane, suitable for complex and corner details. Use with Proofex Primer and Protection Board	Tough, flexible waterproofing membrane, suitable for complex and corner details	Used to route ground water away from the substructure. Ideal for backfill and long-term loadings	Integral sealing system for movement and construction joints in concrete cast in-situ. Range of profiles to suit every need. Simple on-site jointing. Used in reservoirs, dams, basements, tunnels	Used on secant pile and diaphragm wall basements, pile caps and casting against old concrete. Can be used in contact with potable water
Pack size	1m x 20m roll	1m x 20m roll	Sheetdrain 80: 2 x 20m roll	Range of sizes and profiles	SW20 – 5m roll

Concrete Repair



Product	Renderoc HB45	Renderoc S	Renderoc ST 05	Renderoc Plug 20	Nitofil LV	Nitoprime Zincrich Plus	Nitobond EP
Description	High strength repair mortar for large area structural repairs	Spray applied mortar for structural repair	Reprofiling and levelling mortar	Fast setting repair mortar	Low viscosity epoxy resin injection grout	Zinc primer for steel reinforcement	Epoxy resin concrete bonding agent
Application	Designed for column, beam and soffit repairs, where high strength and abrasion resistance is required. Up to 40mm application thickness	Used where high compressive strength and abrasion resistance is required	For use on vertical or horizontal surfaces from 0-5mm. Fair-faced finish, does not require coating. Provides carbonation barrier	Used for emergency patching and plugging of water retaining and water excluding concrete structures. Horizontal and vertical applications. WRAS listed	For injection of cracks between 0.25mm and 9mm wide. Excellent adhesion. Use with Nitokit Surface Sealant	Used in repairs to protect exposed steel rebar in concrete from corrosion	Used for concrete bonding where high strength is required. Excellent 'new to old' concrete bond
Pack size	25kg	25kg	20kg powder, 5 litre liquid	25kg bags	2 x 1.5 litre pack	1.9 litre tin	4.5kg pack
Usage	Approx 14 litres per bag	Approx 12 litres per bag	Approx 12 litres per pack	12.5 litres per bag		8m² per litre	10m² per pack

Grouts



Product	Conbextra BB92	Conbextra HF
Description	Cementitious grout designed specifically for wind turbine installations	High flow, non-shrink cementitious grout
Application	Suitable for pumping or pouring over a wide range of applications	Gap thicknesses 10-100mm such as large stanchion baseplates, pumped grouting applications
Pack size	25kg	25kg
Usage	12 litres per bag	Approx 13 litres

Sealants



Product	Nitoseal MS600	Nitoseal PU12	Thioflex 600
Description	Drinking water approved, one-part sealant	Biodegradation resistant polyurethane sealant	Two-part polysulphide sealant
Application	Use in civil engineering structures and immersed conditions	Excellent adhesion under immersed conditions. Suitable for 'dirty water' applications; sewage treatment and sea defence works. Accelerator available for tidal conditions	Tough, chemical resistant sealant for movement joints in structures including floors, reservoirs and basements
Pack size	10 x 600ml sachets	2 litre units	2.5 litre tins
Colour	Grey	Grey	Grey

Joint Fillers



Product	Hydrocell XL	Expandaf foam
Description	Polythene joint filler	Polythene joint filler and bond breaker
Application	Non absorbent. Chemically resistant. Excellent support to sealants subject to hydrostatic pressure. Suitable for water retaining/excluding structures	Ready compressible low load transfer joint filler used in brick and block work, bridge decks, abutments
Pack size	10mm, 15mm, 20mm, 25mm sheets (1 x 2m)	Available as sheets, cord or strips

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