



WINTER WORKING?
SPECIALIST CONSTRUCTION SOLUTIONS
will keep your projects on track

PAREX



REPAIR MORTARS

FebSET® 45



1					
COMPONENT	APPLICATION TEMPERATURE	LAYER THICKNESS	COMPRESSIVE STRENGTH	MIXING	CLEANING OF TOOLS
1-component 25kg	-20°C to +30°C	20 - 100mm (greater thicknesses can be achieved with 10mm aggregate)	2 hours: ~30N/mm ²	Add water	Use water

DESCRIPTION: Specially formulated rapid repair mortar, which gives controlled, extremely high early strengths. Trafficable after 45 minutes. High bond strength, no primers required.

USES: Provides controlled, extremely high early strengths and works in extremely low temperatures. Designed for rapid bedding/installing of steel ironwork and bonding streetscape flags, blocks and kerbs. Also suitable for general repairs to concrete/stone, kerbs, steps, beams, lintels and sills. Cold store floor areas; roads and nosings, bridge decks, quays/crane rails; industrial floor areas, loading bays and warehouses; around fixing bolts. Raising and levelling manhole covers, gratings, hydrants, etc.

Complies with EN 1504-3 Class R4.

Sikadur®-12 Pronto



2					
COMPONENT	APPLICATION TEMPERATURE	LAYER THICKNESS	COMPRESSIVE STRENGTH	MIXING	CLEANING OF TOOLS
2-component 25kg	-10°C to +30°C	5 - 30mm (flowable grout) 20 - 100mm (thixotropic mortar)	2 hours: ~73N/mm ²	Parts A + B	Use Sika® Thinner C

DESCRIPTION: Acrylic, multi-purpose, fast strength gain, hand applied or flowable repair mortar and grout.

USES: Concrete repairs to roadways, runways, car park decks, industrial floors, stairs, precast concrete units, and void, cavity and pore hole filling. It can also be used for grouting bridge bearings, foundations, anchors and bolts.

Complies with EN 1504-6 and EN 13813.

CEMENTITIOUS MORTARS AND CONCRETES

Parex® Highway CA1



1					
COMPONENT	APPLICATION TEMPERATURE	LAYER THICKNESS	COMPRESSIVE STRENGTH	MIXING	CLEANING OF TOOLS
1-component 25kg	+1°C to +35°C	15 - 75mm (thicker layers achievable with pea shingle)	1 hour: ~20N/mm ²	Add water	Use water

DESCRIPTION: Cementitious, rapid setting bedding mortar. Allows fast 'return to service' and is chloride free.

USES: Safely used with cast and steel units. Used for bedding of raised manhole frames; bedding of frames in new roads; and support of road furniture.

Parex® Super FG



1					
COMPONENT	APPLICATION TEMPERATURE	LAYER THICKNESS	COMPRESSIVE STRENGTH	MIXING	CLEANING OF TOOLS
1-component 25kg	0°C to +35°C	8 - 50mm	2 hours: ~25N/mm ²	Add water	Use water

DESCRIPTION: Magnesium phosphate based, rapid hardening, self-priming, non-shrink, non-corrosive to steel, concrete repair and highway bedding mortar. Achieves high early and ultimate strengths and offers increased resistance to de-icing salts and freeze-thaw.

USES: Re-bedding of raised manhole frames. Bedding of frames in new roads. Support of road furniture. Rapid repairs to concrete surfaces. Repairs to cold room areas.

RESIN GROUTS AND RESIN ANCHORING SYSTEMS

Sikadur-42+ HE Cold Climate



3					
COMPONENT	APPLICATION TEMPERATURE	LAYER THICKNESS	COMPRESSIVE STRENGTH	MIXING	CLEANING OF TOOLS
3-component 20.4kg	+5°C to +30°C	10 - 150mm	3 Days: ~78N/mm ² at +5°C	Parts A + B + C	Use Sika® Thinner C

DESCRIPTION: High performance, non-shrink, high precision, moisture-tolerant, pourable epoxy grout. Achieves high early strength, has a low coefficient of thermal expansion, offers high vibration resistance, cures fast, is corrosion and chemically resistant, and impermeable to most liquids and water vapour.

USES: Grouting, anchoring, fixing and concrete repair. **Complies with EN 1504-6.**

Parex® E20 Epoxy Grout



3					
COMPONENT	APPLICATION TEMPERATURE	LAYER THICKNESS	COMPRESSIVE STRENGTH	MIXING	CLEANING OF TOOLS
3-component 24.6kg	+5°C to +45°C	8 - 25mm	7 days: ~85N/mm ²	Parts A + B + C	Use Sika® Thinner C

DESCRIPTION: High performance, high flow grout.

USES: Grouting gaps in base plates, train rails, bridge bearings, machinery, etc. No loss of performance at low temperatures when used with Parex E33 Winter Additive.

Parex® E33 Epoxy Grout



3					
COMPONENT	APPLICATION TEMPERATURE	LAYER THICKNESS	COMPRESSIVE STRENGTH	MIXING	CLEANING OF TOOLS
3-component 28.6kg	+5°C to +45°C	10 - 50mm	7 days: ~85N/mm ²	Parts A + B + C	Use Sika® Thinner C

DESCRIPTION: High performance, high flow grout

USES: Base plates, bridge bearings, reciprocal machinery, high impact loads, etc. No loss of performance at low temperatures when used with Parex E33 Winter Additive.

Parex® E70 Epoxy Grout



4					
COMPONENT	APPLICATION TEMPERATURE	LAYER THICKNESS	COMPRESSIVE STRENGTH	MIXING	CLEANING OF TOOLS
4-component 33.8kg	+5°C to +45°C	35 - 75mm	7 days: ~79N/mm ²	Parts A + B + C + D	Use Sika® Thinner C

DESCRIPTION: High performance, high flow grout.

USES: Grouting of machinery base plates, crane rail tracks, bridge bearings, compressors, pumps and turbines, reciprocating machinery and high impact loads. No loss of performance at low temperatures when used with Parex E33 Winter Additive

Parex® E140 Epoxy Grout



4					
COMPONENT	APPLICATION TEMPERATURE	LAYER THICKNESS	COMPRESSIVE STRENGTH	MIXING	CLEANING OF TOOLS
4-component 40kg	+5°C to +35°C	70 - 140mm	7 days: ~78N/mm ²	Parts A + B + C + D	Use Sika® Thinner C

DESCRIPTION: High performance, high flow grout.

USES: Machinery base plates, crane rail tracks, bridge bearings, compressors, pumps and turbines, reciprocating machinery and high impact loads. No loss of performance at low temperatures when used with Parex E33 Winter Additive.

Parex® E33 Winter Additive



1					
COMPONENT	APPLICATION TEMPERATURE	LAYER THICKNESS	COMPRESSIVE STRENGTH	MIXING	CLEANING OF TOOLS
1-component 0.10g	≥+5°C	8 - 140mm (depends on product being modified)	7 days: ~78-85N/mm ²	Add to E20, E33, E70 or E140 Epoxy Grouts	Use Sika® Thinner C

DESCRIPTION: Additive.

USES: With E20, E33, E70 and E140 Epoxy Grouts in cold temperatures (≥+5°C) for improved strength development.

Parex® Tecgrip V (Winter)



2					
COMPONENT	APPLICATION TEMPERATURE	ANNULUS	COMPRESSIVE STRENGTH	MIXING	CLEANING OF TOOLS
2-component 4.42kg	+5°C to +35°C	≤25mm Annulus	7 days: ~95N/mm ²	Parts A + B	Use Sika® Thinner C

DESCRIPTION: Polyester based anchor grout for bolt to hole diametric differences up to 25mm.

USES: Fixing of steel bolts and bars into pre-drilled holes within concrete, rock, brickwork, stonework, masonry, etc. The product can be poured or pumped and is suitable for use with base plates, rail tracks, starter bars and dowels, safety fences and balustrades, reciprocating machinery and high impact loads.

Parex® Railfast Grout (Winter)



2					
COMPONENT	APPLICATION TEMPERATURE	LAYER THICKNESS	COMPRESSIVE STRENGTH	MIXING	CLEANING OF TOOLS
2-component (3 with aggregate) 32.8kg	+5°C to +25°C	10 - 25mm (up to 75mm with aggregate component)	2 hours: ~50N/mm ²	Parts A + B (+C)	Use Sika® Thinner C

DESCRIPTION: Polyester based, thick section, chemical resistant anchor grout.

USES: All types of support for steel and concrete units such as grout pads under both steel and HDPE rail base plates, grout feeder boxes for steel plate supports and beneath all types of frames in vehicular road surfaces during bedding and levelling operations.

Sika® AnchorFix®-1



2					
COMPONENT	APPLICATION TEMPERATURE	ANNULUS	COMPRESSIVE STRENGTH	READY TO USE	CLEANING OF TOOLS
2-component 300ml cartridge (supplied as a box of 6)	-10°C to +40°C	≤3mm Annulus	7 days: ~60N/mm ²	Ready to use	Use Sika® Thinner C

DESCRIPTION: Single cartridge, low wastage, fast curing, non-sag (even overhead), high load capacity, solvent and styrene-free, low odour, polyester anchoring adhesive. Can be used with standard application guns.

USES: Anchoring reinforcing steel, threaded rods, bolts, concrete, hollow and solid masonry, stone and rock.

Injection system for use in masonry according to ETAG 029, ETA-12/0227. Bonded injection type anchor for non-cracked concrete according to ETAG 001 annex 1 and 5, ETA-13/072.

Sika® AnchorFix®-2+



2					
COMPONENT	APPLICATION TEMPERATURE	ANNULUS	COMPRESSIVE STRENGTH	READY TO USE	CLEANING OF TOOLS
2-component 300ml cartridge (supplied as a box of 12)	+5°C to +30°C	≤5mm Annulus	7 days: ~70N/mm ²	Ready to use	Use Sika® Thinner C

DESCRIPTION: Single cartridge, low wastage, fast curing, non-sag (even overhead), high load capacity, solvent and styrene-free, epoxy acrylate anchoring adhesive for medium to high loads. Applied with standard application guns.

USES: Suitable for cracked concrete, wet/damp (but clean) holes and marine environments.

LEED Attestation available. ETA to ETAG 001 for anchoring in concrete. ETA to ETAG 001 for rebar connections.

Sika® AnchorFix®-3030



2					
COMPONENT	APPLICATION TEMPERATURE	LAYER THICKNESS	COMPRESSIVE STRENGTH	READY TO USE	CLEANING OF TOOLS
2 component 385ml and 585ml dual cartridges (supplied as a box of 12)	+5°C to +40°C	8mm maximum	7 days: ~95N/mm ²	Ready to use	Use Sika® Thinner C

DESCRIPTION: Single cartridge, low wastage, epoxy resin based, thixotropic, high performance anchoring adhesive.

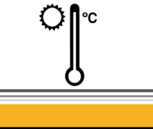

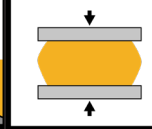

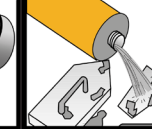
USES: Anchoring threaded rods and reinforcement bars in both cracked and uncracked dry or damp concrete. Also suitable for masonry (hollow and solid), wood, natural and reconstituted stone and solid rock.

LEED Attestation available. ETA for anchoring in cracked concrete. ETA for post installed rebar connections.

RESIN MORTARS

Parex® Highway Framefix Mortar (Winter)





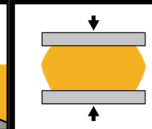

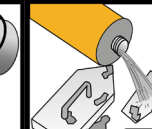
2					
COMPONENT	APPLICATION TEMPERATURE	LAYER THICKNESS	COMPRESSIVE STRENGTH	MIXING	CLEANING OF TOOLS
2-component 25kg	0°C to +35°C	10 - 50mm	1 hour: ~50N/mm ²	Parts A + B	Use Sika® Thinner C

DESCRIPTION: High performance, polyester based bedding mortar.

USES: Re-bedding of manholes, supporting and securing street furniture, and bedding frames in new roads, allowing a rapid return to service. The hardened product resists chemical attack from oil based products and road salt.

Parex® Kerbfix (Winter)



2					
COMPONENT	APPLICATION TEMPERATURE	LAYER THICKNESS	COMPRESSIVE STRENGTH	MIXING	CLEANING OF TOOLS
2-component 14kg	0°C to +25°C	2 - 25mm	2 hours: ~25N/mm ²	Parts A + B	Use Sika® Thinner C


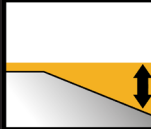
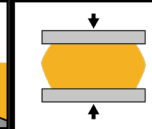

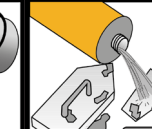
DESCRIPTION: Polyester based, bedding and fixing mortar, achieving exceptional bond strength and allowing same day opening.

USES: Suitable for a wide range of substrates and can be used to bed slabs and kerbs directly onto precast concrete or asphalt, even when damp. The product can withstand high lateral loading, making it ideal for securing containment kerbs.

RIGID BONDING

Sikadur®-31+ Rapid



2					
COMPONENT	APPLICATION TEMPERATURE	LAYER THICKNESS	COMPRESSIVE STRENGTH	MIXING	CLEANING OF TOOLS
2-component 1.2kg or 6kg	+5°C to +20°C	≤30mm	3 Days: ~60N/mm ² at +5°C	Parts A + B	Use Sika Thinner C

DESCRIPTION: Low VOC, fast-curing, moisture-tolerant, thixotropic structural epoxy adhesive for structural bonding and concrete repair.

USES: Bonds, repairs, reprofiles, fills and seals most construction materials.

Complies with EN 1504-3 (Class R4) and EN 1504-4.

Sikadur®-31 DW Rapid



2					
COMPONENT	APPLICATION TEMPERATURE	LAYER THICKNESS	COMPRESSIVE STRENGTH	MIXING	CLEANING OF TOOLS
2-component 6kg	+5°C to +20°C	≤30mm	14 days: ~43N/mm ²	Parts A + B	Use Sika® Thinner C

DESCRIPTION: Solvent-free, thixotropic, structural adhesive and repair mortar, specially formulated to meet the requirements for use in contact with drinking water.

USES: Adhering concrete, hard natural stone, ceramics, mortar bricks, steel, and as an adhesive for use with Sikadur Combiflex SG. It can be used as a structural adhesive for precast concrete segments including columns, beams, kerbs, edgings, copings, etc. Offers rapid curing concrete repairs to corners and edges; and appropriate for filling and sealing holes, voids, joints, and cracks. Non-sag and suitable for vertical and overhead applications, it is self-priming and offers good abrasion resistance.

Complies with EN 1504-4 and with Regulation 31(4) a of the UK Water Supply (Water Quality) Regulations, when used as part of a system with Sikadur® SG Combiflex.

Sikadur®-31 SBA Cold Weather



2					
COMPONENT	APPLICATION TEMPERATURE	LAYER THICKNESS	COMPRESSIVE STRENGTH	MIXING	CLEANING OF TOOLS
2 component 11.5kg	-6°C to +7°C	~3mm	7 days: ~41N/mm ²	Parts A + B	Use Sika® Thinner C

DESCRIPTION: Single cartridge, low wastage, epoxy resin based, thixotropic, high performance anchoring adhesive.

USES: Cold weather, 100% solids, moisture-tolerant, high modulus, high strength, structural epoxy adhesive designed for bonding hardened precast concrete elements together (e.g. segmental bridge construction). Can also be used as a bonding bridge between old and new concrete and as a structural adhesive to rigidly bond most construction materials.

Complies with EN 1504-4.

SIKA FULL RANGE SOLUTIONS FOR CONSTRUCTION:



LIQUID APPLIED ROOFING



SINGLE PLY ROOFING



BITUMINOUS ROOFING



CONCRETE



CONCRETE REPAIR



STRUCTURAL STRENGTHENING



BUILDING FINISHING



WATERPROOFING



JOINT SEALING



FAÇADES



FLOORING



INDUSTRY



DISTRIBUTION



MODULAR/OFFSITE

FOR MORE INFORMATION:



WHO WE ARE

Sika Limited and Sika Ireland Limited are part of the global Sika Group, specialising in the manufacture and supply of chemical based products. Sika has a global leading position in the development and production of systems and products for bonding, sealing, damping, reinforcing, and protecting in the building sector and motor vehicle industry. Sika has subsidiaries in 103 countries, manufactures in over 400 factories, and develops innovative technologies for customers around the world that facilitate the sustainable transformation of the construction and transportation industries. With more than 33,000 employees, the company generated annual sales of CHF 10.5 billion (£9.4 bn) in 2022.

In the UK and Ireland, we provide market-leading solutions for building finishing, concrete, waterproofing, roofing, flooring, refurbishment, sealing & bonding, and industry, and have manufacturing sites in Welwyn Garden City, Preston, Leeds, Wishaw, Redditch, and Dublin with more than 900 employees and a turnover of more than £420 million..

The information, and, in particular, the recommendations relating to the application and end use of Sika® products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. Please refer to our homepage www.sika.co.uk for our current standard terms & conditions applicable to all orders. Users should always refer to the most recent issue of the Product Data Sheet for the product concerned, copies of which will be supplied on request.



SIKA LIMITED

Head Office
Watchmead
Welwyn Garden City
Hertfordshire, AL7 1BQ
United Kingdom

Contact

Phone 08081 410712
Fax +44 1 707 329129
E-Mail scs.technical@uk.sika.com
www.sika.co.uk
X @SikaLimited
in @Sika

PAREX

