



SIKA REFURBISHMENT ESSENTIALS

RIGHT PRODUCT FOR THE RIGHT SOLUTION



ABOUT SIKA REFURBISHMENT ESSENTIALS

Sika manufactures and develops a range of quality, concrete repair, protection and refurbishment solutions, for both industrial and commercial applications. Many years of research and development, plus decades of practical experience, has enabled Sika to provide systems to restore and rehabilitate concrete structures that have deteriorated due to corrosion, structural damage, water infiltration, freeze/thaw, seismic activity, reactive aggregates, and other factors.

Sika is able to provide you with special admixtures for site batch mortars, pre-bagged repair mortars and a wide range of concrete protective solutions.

If you have any queries or would like to place an order, please contact your local account manager.

THE RIGHT REFURBISHMENT SOLUTION FOR EVERY PROJECT



Sika® MonoTop®-610

Cementitious Steel Reinforcement Primer and Bonding Bridge

Sika® MonoTop®-610 is a 1-component cementitious, polymer modified primer for reinforcement protection, and also a bonding bridge for MonoTop concrete repair mortars.

Used: for bonding MonoTop® concrete repair mortars to existing cementitious or steel substrates and providing additional corrosion protection to reinforcement in MonoTop concrete repair mortars, especially in areas of low concrete cover and in the presence of chlorides.

- Only requires mixing with water
- Adjustable consistency
- Active corrosion inhibitors for added protection
- Sprayable by wet spray method
- Suitable for drinking water contact



Sika® MonoTop®-612

Wet Spray Repair Microconcrete

Sika® MonoTop®-612 is a cement-based, 1-component low permeability repair microconcrete, containing silica fume and polymer, meeting the requirements of Class R4 of BS EN 1504-3.

Used: for repairing all types of structures, including horizontal, vertical and overhead repairs; hand applied repairs; spray applied repairs; for exterior and interior use; in place of R1, R2 & R3 mortars.

- Compatible with Sika® FerroGard® corrosion inhibitors
- Low shrinkage with adjustable consistency
- Suitable for drinking water contact
- Easy to mix and apply
- Pre-bagged for quality, just add water



Sika® MonoTop®-615

R3 Cementitious High Build Concrete Repair Mortar

Sika® MonoTop®-615 is a 1-component cement based polymer modified high build repair and reprofiling mortar, meeting the requirements of Class R3 of BS EN1504-3.

Used: for repairing all types of structures, including overhead and vertical repairs; hand applied repairs; spray applied repairs; for exterior and interior use; in place of R1 and R2 mortars.

- Sprayable by wet spray method
- High build
- Low wastage



Sika® MonoTop®-620

Cementitious Smoothing Coat/Levelling Mortar and Pore Sealer

Sika® MonoTop®-620 is a 1-component cementitious polymer modified mortar, for exterior and interior use.

Used: as a concrete pore sealer/levelling mortar/smoothing coat, repairing minor defects, as a thin layer render, repairing pores and honeycombed concrete.

- Pre-bagged for quality
- Just add water
- Compatible with Sika® FerroGard® corrosion inhibitors
- Compatible with SikaTop® and MonoTop® mortars
- Overcoatable with Sikagard® coatings
- Sprayable by wet spray method



Sika® MonoTop®-115 GP

Cementitious General Purpose Concrete Repair Mortar

Sika® MonoTop®-115 GP is a 1-component cement based polymer modified general purpose repair and reprofiling mortar, meeting the requirements of Class R3 of BS EN 1504-3.

Used: for repairing all types of structures not exposed to water submersion, including overhead and vertical repairs; hand applied repairs; spray applied repairs; for exterior and interior use; in place of R1 and R2 mortars.

- Pre-bagged for quality
- High build
- Low wastage
- Just add water to amount required
- Contains no chloride admixtures



Sika® MonoTop®-614F

R4 Flowable Cementitious Repair Mortar

Sika® MonoTop®-614F is a cement based, 1-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.

Used: for horizontal or vertical repairs; bridges; marine structures; tunnels; buildings; fire damaged structures; for exterior and interior use; in place of R1, R2 and R3 mortars.

- One component, ready to use with low shrinkage
- Repair depths upto 150 mm in one application
- Can be poured or pumped
- Overcoatable with Sika reprofiling/levelling mortars and coatings
- High mechanical and good flow properties



Sika® MonoTop®-630 Rapid

R4 Fast Setting Cementitious Repair Mortar

Sika® MonoTop®-630 Rapid is a 1-component fast setting cementitious repair mortar, meeting the requirements of Class R4 of BS EN 1504-3.

Used: for repairing all types of structures, including overhead and vertical repairs; hand applied repairs; floor slabs and car park decks; for exterior and interior use; in place of R1, R2 and R3 mortars.

- Pre-bagged for quality, just add water
- High early strength with rapid setting
- Non corrosive to steel
- Can be overcoated
- Contains no chloride admixtures



SikaSet®-45

Low Temperature, Rapid Hardening Repair/Bedding Mortar

SikaSet®-45 is a 1-component magnesia phosphate based, rapid hardening and high early strength concrete repair and ironwork bedding mortar, for use in temperatures as low as 0°C.

Used: for horizontal concrete surfaces; industrial floors, roads, runways, bridge decks and car park decks; filling mortar for voids and honeycombed areas in concrete; bedding mortar for inspection chambers, manhole covers, gully grates, stanchion posts and street furniture.

- High early age and ultimate strengths
- Shrinkage compensated mortar with good un-primed adhesion
- Trafficable within one hour
- Durable freeze thaw resistance, along with increased resistance to de-icing salts



Sikagard®-552 W Aquaprimer

Water Based Primer For Coating

Sikagard®-552 W Aquaprimer is a 1-component, water dispersed, adhesion promoting primer for water dispersed polymer paint coatings, which Sikagard®-552 W Aquaprimer is part of a system.

Used: for concrete and dense mineral substrates like fibre cement, aerated concrete, gypsum and thin rendering, such as Sika® MonoTop®-620 etc. It can also be used as a primer on firmly adhering existing water based coatings, or under cement resurfacing mortar, to improve the adhesion, in case of the concrete surface treated with hydrophobic impregnation.

- Water dispersed
- Environmentally friendly (solvent free)
- Water vapour permeable
- Can be used as an adhesion promoter for coating or cement based resurfacing mortar

Sikagard®-675 W ElastoColor

Protective Coating for Concrete



Sikagard®-675 W GB ElastoColor is a 1-component, plastoelastic, water-dispersed coating, based on styrene acrylate dispersion, for the protection and enhancement of fair-faced concrete.

Used: for concrete repair works on Sika levelling mortar, fibre cement and overcoating existing soundly adhering coatings. Suitable for protection against ingress, moisture control and increasing the resistivity.

- Water vapour permeable
- Resistant to weathering and ageing
- Application by roller brush or spray
- High covering power (good opacity)
- Prevents water ingress

Sikagard®-550 W Elastic

Crack Bridging Protective Coating for Concrete



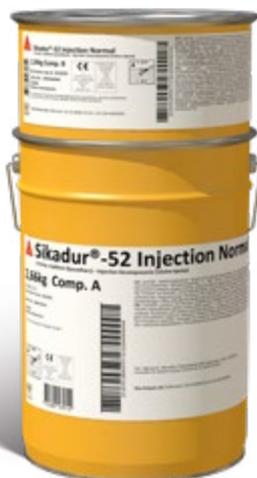
Sikagard®-550 W Elastic is a 1-component, plasto-elastic coating based on UV-curing acrylic dispersion with excellent crack-bridging properties even at temperatures below 0°C.

Used: for protection and enhancement of concrete structures, especially exposed outdoor concrete surfaces with a risk of cracking. It is also used with concrete repair works as an elastic protective coating on Sika® smoothing mortar, fibre cement and overcoating of existing soundly adhering coatings.

- Crack-bridging even at low temperatures (-20°C)
- Water vapour permeable and Environmentally friendly (solvent free)
- Very good resistance against weathering and ageing
- Reduced tendency to dirt pick-up and contamination

Sikadur®-52 Injection Type N

Low Viscosity Injection Resin



Sikadur®-52 Injection Type N is a 2-component, solvent-free, low viscosity injection liquid, based on high strength epoxy resin, with a high adhesion to concrete, mortar, stone, steel and wood.

Used: for filling and sealing voids and cracks in structures such as bridges and other civil engineering buildings, industrial and residential buildings, e.g. columns, beams, foundations, walls, floors and water retaining structures. It not only forms an effective barrier against water infiltration and corrosion promoting media, but it also structurally bonds the concrete sections together.

- Solvent-free, and suitable for both, dry and damp conditions
- Usable at low temperatures with shrinkage-free hardening
- High mechanical and adhesive strengths
- Hard but not brittle with low viscosity
- Injectable with single component pumps



Sikadur®-31 EF

Thixotropic Multi-purpose Epoxy Adhesive

Sikadur®-31 EF is a moisture tolerant, thixotropic, structural 2-component multi-purpose adhesive, based on a combination of epoxy resins and special fillers, designed for use at temperatures between +10°C and +30°C.

Used: as a structural adhesive for concrete elements, ceramics, steel and wood. Also used as a repair material and adhesive for corners, edges and void fillings, as well as joint and crack sealant and repair.

- No primer needed
- Abrasion resistant
- Impermeable to liquids and water vapour
- Chemical resistant



Sikadur®-33

Structural Epoxy Adhesive

Sikadur®-33 is a 2-component, solvent free, cold cure, thixotropic epoxy resin structural adhesive and repair mortar. It is supplied in a cartridge with an in-line mixer tip and is designed for application using a geared sealant gun.

Used: as structural adhesive; interior, vertical and overhead concrete repairs; joint filling and crack sealing; metal work and carpentry.

- Can be used on damp concrete
- High load capacity
- Shrinkage-free hardening
- Styrene-free



Sika® AnchorFix®-1

Fast Curing Anchoring Adhesive

Sika® AnchorFix®-1 is a single cartridge, 2-component, mix-in-the-nozzle, fast curing, solvent and styrene-free, methacrylate based chemical anchoring adhesive, for standard applications with low to medium loads.

Used: as a fast curing anchoring adhesive for all grades of reinforcing steel, concrete, hard natural stone and rock, threaded rods and hollow and solid masonry.

- Fast curing and can be used at low temperatures
- Standard guns can be used
- High load capacity
- Low odour and styrene-free



SikaGrout®-3200

High Performance Cementitious Grout for Onshore Wind Tower Installations

SikaGrout®-3200 is a fast hardening, high early strength, high final strength, 1-component, shrinkage compensated, free flowing cementitious grout for structural filling of joints and under grouting base plates.

- Vertical or horizontal joints for onshore steel and pre-cast concrete wind towers
- Fast early strength development
- Can be pumped



Sika® L2 High Flow

High Flow Rapid Strength Grout

Sika® L2 High Flow is a 1-component, high flow, rapid strength cementitious grout, for precision, high performance, grouting underneath machine bases, structural steelwork, etc.

- High strength with shrinkage compensated
- High flowability retention
- For grouting thicknesses between 10-100 mm



SikaGrout®-111 GP

Cementitious General Purpose Grout

SikaGrout®-111 GP is a 1-component flowable shrinkage compensated general purpose cementitious grout.

- High compressive strength gain
- Shrinkage compensated
- Can be pumped or poured

SIKA FULL RANGE SOLUTIONS FOR CONSTRUCTION:



LIQUID APPLIED ROOFING



SINGLE PLY ROOFING



CONCRETE



CONCRETE REPAIR



STRUCTURAL STRENGTHENING



WATERPROOFING



JOINT SEALING



FAÇADE STRUCTURAL ADHESIVES



FLOORING



INDUSTRY



DISTRIBUTION



BUILDING TRUST

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 have a leading position in the development and production of systems and products for bonding, sealing, damping, reinforcing, and protecting in the building sector and the motor vehicle industry. Sika has subsidiaries in 101 countries around the world and manufactures in over 200 factories. With more than 20,000 employees Sika generates annual sales of CHF 7.09 billion (£5.45bn). We are also committed to providing quality, service, safety and environmental care.

In the UK and Ireland, we provide market-leading solutions for concrete, waterproofing, roofing, flooring, refurbishment, sealing & bonding, and industry, and have manufacturing sites in Welwyn Garden City, Preston, Leeds and Dublin with more than 870 employees and a turnover of more than £260 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.



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