



CONCRETE REPAIR AND GROUTING SOLUTIONS

SikaGrout®

Sika MonoTop®

Sikadur®

Sika AnchorFix®



CONTENT

04	Grouting and Fixing
06	Sika® Cementitious Grout Solutions
08	Sika® Epoxy Grout Solutions
09	Sika® Priming and Bonding Solutions
10	Sika® Repair Mortar Solutions
12	Sika® Trafficable Mortar Solutions
13	Sika® Finishing Mortar Solutions
14	Sika® Epoxy Repair Solutions
15	Sika® Crack Injection Solutions
16	Sika® Anchoring Solutions
17	Concrete Repair Selection Guide
18	Sika® Target Markets

GROUTING AND FIXING

Grouting mortars are free-flowing, high strength cement or synthetic resin-based mortars, used for filling of voids under machines and other structural elements as well as for the grouting of anchors. Sika can provide all technologies of grouting materials for specific application on job sites.



CEMENTITIOUS GROUTS
Cement based grouting products are suitable for different fixing and bedding applications as machinery bases, bearing plates, steel frames, etc.



EPOXY GROUTS
Epoxy based grout and anchor products are suitable in selected applications, e.g. for high strength bearing areas, early flexural and compressive strength, dynamic loading, etc.

CONCRETE MAINTENANCE AND REPAIR

Sika is considered to be the industry leader in concrete repair and protection. Many years of research and development plus decades of practical experience have enabled Sika to provide systems to restore and rehabilitate concrete structures that have deteriorated due to corrosion, structural damage, water infiltration, freeze/thaw, reactive aggregates, and others.



PRIMERS AND BONDING
Concrete protection also means protecting the embedded steel bars from corrosion. This is done by applying a protective layer on the reinforced steel, by using corrosion inhibitors or by cathodic protection (by galvanic anode or by an induced current).



CONCRETE REPAIR
Sika provide a full range of pure cement based products, cementitious, polymer-modified repair mortars and epoxy based repair materials for different repair works and specific requirements.

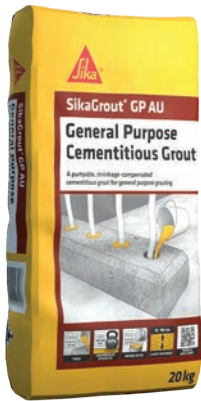


EPOXY REPAIR
An important use of epoxy resin based repair products is in the bonding and sealing of large scale concrete.



SIKA®

CEMENTITIOUS GROUT SOLUTIONS



SikaGrout® GP AU

General purpose shrinkage compensated cementitious grout.

DESCRIPTION
SikaGrout® GP AU is a general purpose cementitious grout that is shrinkage compensated. SikaGrout® GP AU is a blend of Portland cement, carefully selected and graded aggregates and admixtures.

- USES**
- General purpose grouting
 - Machine and structural base plants
 - Anchor bolts
 - Pre-cast concrete sections
 - Cavities, gaps and recesses

- ADVANTAGES**
- Shrinkage compensating properties
 - Similar appearance to concrete
 - Contains no chlorides, or corrosive ingredients.
 - Can be dry packed, rammed, trowled, poured or pumped

COMPRESSIVE STRENGTH
1 Day ~ 12 MPa
7 Days ~ 35 MPa
28 Days ~ 50 MPa

THICKNESS
Stiff & plastic:
10 mm to 100 mm in one pour
Flowable:
10 mm to 50 mm in one pour.

ITEM CODE
411964

PACKAGING
20 kg bag



SikaGrout® 212 HP

High performance non-shrink cementitious grout.

DESCRIPTION
SikaGrout®-212 HP is a ready mixed, high quality, Portland cement that expands in two stages to counteract the shrinkage normally associated with Portland cement grouts.

- USES**
- Machine bedplates.
 - Anchor bolts.
 - Bridge bearing pads.
 - Pre-cast concrete sections.
 - Cavities, gaps and recesses.
 - Any high performance grouting

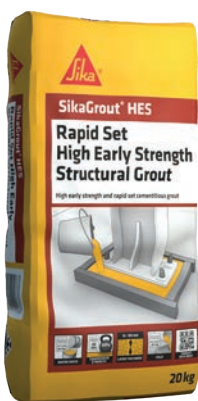
- ADVANTAGES**
- Shrinkage compensating properties.
 - High 28 day strengths.
 - Good flow characteristics
 - Adjustable consistency
 - Does not segregate or bleed.
 - Good impact and thermal resistance.
 - Non corrosive to steel or iron

COMPRESSIVE STRENGTH
1 Day ~ 25 MPa
3 Days ~ 35 MPa
7 Days ~ 60 MPa
28 Days ~ 75 MPa

THICKNESS
10 mm to 100 mm in one pour.

ITEM CODE
411020

PACKAGING
20 kg bag



SikaGrout® HES

High early strength and rapid set cementitious grout.

DESCRIPTION
SikaGrout® HES is a ready mixed, high quality grout that sets rapidly with high early strengths.

- USES**
- Machine bedplates.
 - Anchor bolts.
 - Bridge bearing pads.
 - Pre-cast concrete sections.
 - Cavities, gaps and recesses.

- ADVANTAGES**
- High early strengths (even at low temperatures)
 - High 28 day strengths
 - Good flow characteristic
 - Rapid set times and rapid strengths gain.
 - Adjustable consistency.
 - Does not segregate or bleed.
 - Good impact and thermal resistance.
 - Non corrosive to steel or iron

COMPRESSIVE STRENGTH
2 hrs ~ 15 MPa
4 hrs ~ 24 MPa
1 Day ~ 30 MPa
28 Days ~ 65 MPa

THICKNESS
10 mm to 150 mm in one pour.

ITEM CODE
411533

PACKAGING
20 kg bag

SIKA®

CEMENTITIOUS GROUT SOLUTIONS



SikaGrout® Deep Pour

Flowable grout for deep pours up to 500 mm.

DESCRIPTION
SikaGrout® Deep Pour is a ready mixed, high quality portland cement, carefully selected and graded aggregates and Sika admixtures. Enabling it to achieve strengths in short times, making it suitable for grouting of large sections and deep pours.

- USES**
- Mass grouting/concreting
 - Machine bedplates
 - Anchor bolts
 - Bridge bearing pads
 - Pre-cast concrete sections

- ADVANTAGES**
- Shrinkage compensating properties
 - High early strengths
 - High 28 day strengths
 - Good flow characteristics
 - Adjustable consistency
 - Does not segregate or bleed
 - Good impact and thermal resistance
 - Non corrosive to steel or iron

COMPRESSIVE STRENGTH
1 Day ~ 12 MPa
3 Days ~ 30 MPa
7 Days ~ 50 MPa
28 Days ~ 70 MPa

THICKNESS
20 mm to 500 mm in one pour

ITEM CODE
411535

PACKAGING
20 kg bag



SikaGrout® Ultra

Self levelling, ultra high strength cementitious grout.

DESCRIPTION
SikaGrout® Ultra is a ready mixed, high quality cement grout. A blend of Portland cement, carefully selected and graded aggregates and Sika Admixtures, enabling it to be self levelling and achieve very high strengths in short times.

- USES**
- Grout projects requiring ultra-strength
 - Machine bedlates
 - Anchor bolts
 - Bridge bearing pads
 - Pre-cast concrete sections

- ADVANTAGES**
- Self levelling capabilities
 - Shrinkage compensating properties
 - High early strengths
 - Very high 28 day strengths
 - Does not segregate or bleed
 - Good impact and thermal resistance
 - Non corrosive to steel or iron

COMPRESSIVE STRENGTH
1 Day ~ 40 MPa
7 Days ~ 50 MPa
28 Days ~ 100 MPa

THICKNESS
10 mm to 100 mm in one pour.

ITEM CODE
411534

PACKAGING
20 kg bag



SikaGrout® UW

Shrinkage compensated cementitious grout for underwater application.

DESCRIPTION
SikaGrout® UW is a ready to use, cementitious grout that can be used for applications underwater. When properly mixed, will have no significant 'wash out' of the cement phase.

- USES**
- SikaGrout® UW can be used on free flowing or pumped grout applications underwater, for reinstating concrete:
 - Bridge columns / Pillars
 - Piles / Slipways & Dams

- ADVANTAGES**
- There is no notable 'wash-out' of cement phase when placed underwater
 - Effectively displaces water
 - Shrinkage compensating properties
 - High early and 28 day strengths
 - Does not segregate or bleed
 - Good impact, vibration and thermal resistance
 - Non-corrosive to steel or iron

COMPRESSIVE STRENGTH
1 Day ~ 30 MPa
7 Days ~ 60 MPa
28 Days ~ 70 MPa

THICKNESS
10 mm to 100 mm in one pour (above water)
10 mm to 200 mm in one pour (underwater)

ITEM CODE
114614

PACKAGING
20 kg bag



SikaGrout® 300PT AU

High performance, zero bleed, sand free, cementitious grout for post-tensioning applications.

DESCRIPTION
SikaGrout®-300 PT AU is a non-shrink (Class A and C), cementitious grout with a unique 2 phase shrinkage compensating mechanism. It is non-metallic and contains no chlorides. With a special blend of shrinkage reducing and plasticizing/water- reducing agents, SikaGrout®-300 PT AU compensates for shrinkage in both the plastic and hardened states.

- USES**
- For horizontal and vertical grouting of ducts within bonded, post- tensioned structures
 - To grout and fill or repair voids within ducts of post tensioning strands for corrosion protection
 - For grouting with tight clearance requirements

- ADVANTAGES**
- Self levelling capabilities
 - Shrinkage compensating properties
 - High early strengths
 - Very high 28 day strengths
 - Does not segregate or bleed
 - Good impact and thermal resistance
 - Non corrosive to steel or iron

COMPRESSIVE STRENGTH
1 Day ~ 15 MPa
7 Days ~ 55 MPa
28 Days ~ 65 MPa

THICKNESS
Minimum 3 mm

ITEM CODE
411534

PACKAGING
20 kg bag

SIKA®

EPOXY GROUT SOLUTIONS



Sikadur®-42 (au)

High strength pourable epoxy resin grout.

DESCRIPTION

Sikadur®-42 (au) is a 3-component pourable or castable grout based, on a solvent free epoxy resin and selected aggregates. Sikadur®-42 (au) cures to form a hardened mortar with excellent adhesion to many substrates.

USES

- Crane rails
- Machine bedding and baseplates
- Holding down bolts
- Stanchions
- Starter bars
- Cavity filling
- Bridge bearings
- Repairing and patching horizontal surfaces

ADVANTAGES

- Insensitive to moisture during application, cure or whilst in service
- Applicable at low temp. down to 5°C
- High early strength
- Excellent adhesion to a wide variety of dry and damp substrates.
- High tensile and flexural strength, vibration resistant.
- Easy applied
- Unaffected by wide range of chemicals
- Good flow characteristics even in thin layers

COMPRESSIVE STRENGTH

1 Day ~ 50 MPa
7 Days ~ 88 MPa
14 Days ~ 90 MPa

THICKNESS

10 mm to 60 mm

ITEM CODE

447485

PACKAGING

14.6 kg Kit

Sikadur®-42 HF

Very high flow, cost effective epoxy resin.

DESCRIPTION

Sikadur®-42 HF is a pourable, multi functional high density epoxy grout based on a 2-component solvent free epoxy resin system containing fine fillers. Sikadur®-42 HF exhibits excellent flow characteristics in general grouting applications.

USES

- Crane rails
- Machine bedding and baseplates
- Holding down bolts
- Stanchions
- Starter bars
- Cavity filling
- Bridge bearings

ADVANTAGES

- Cost effective epoxy grout
- Applicable at low temperatures
- High mechanical strengths
- High flow characteristics
- Shrink free
- Can be bulked out with aggregate for thicker pour applications
- Excellent chemical resistance to water, sea water, waste water, sewage, fuels, oils, dilute acids and dilute alkalis

COMPRESSIVE STRENGTH

1 Day ~ 50 MPa
7 Days ~ 88 MPa
14 Days ~ 90 MPa

THICKNESS

0.5 mm to 40 mm

ITEM CODE

496609 Part A / 496621 Part B

PACKAGING

18kg Kit

Sikadur®-42 HP

Deep pour (up to 150mm depth), multi purpose epoxy grouting system.

DESCRIPTION

Sikadur®-42 HP is a 3-component, multi purpose, moisture tolerant, epoxy grouting system.

USES

High-strength grouting & fixing of:

- Starter bars
- Anchors
- Fasteners
- Tie rods
- Crash barrier posts
- Fence and railing posts

Under-grouting and bedding of:

- Base plates
- Machine bases.
- Bridge bearings
- Mechanical joints (i.e. road/bridge/deck types etc.)

ADVANTAGES

- High early strength
- Ready-to-mix, pre-batched units
- Moisture tollerant
- Non-shrink
- Corrosion and chemically resistant
- Stress and impact resistant
- High compressive strength
- High vibration resistance
- Low coefficient of thermal expansion

COMPRESSIVE STRENGTH

6 Hours ~ 20 MPa
1 Day ~ 90 MPa
7 Days ~ 100 MPa

THICKNESS

10 mm to 150 mm

ITEM CODE

472523

PACKAGING

36 kg Kit

Sikadur®-53

Water displacing epoxy resin grout.

DESCRIPTION

Sikadur®-53 is a 2-component solvent free epoxy resin system containing fine fillers. It has an excellent insolubility and displacement characteristics in wet and underwater applications but useable in dry general grouting applications also.

USES

Sikadur®-53 is used for underwater and dry grouting work and offers excellent adhesion to both dry and clean water immersed concrete, stone masonry, brick, wood or steel surfaces. Used for injection of cracks 0.5mm to 40mm wide under water (cracks not conducting a water flow under pressure). Ideal for pile jacketing using prepacked aggregate in formwork. Sikadur®-53 may be used to grout starter bars, baseplate grouting and bolts for dry and underwater construction work.

ADVANTAGES

- Applicable at low temperatures
- High mechanical strengths
- Highly insoluble in water and suitable for application by specialist divers
- Supplied in factory proportioned units.
- Shrink free
- Can be bulked out with aggregate of thicker pour applications
- Excellent chemical resistance to water, sea water, waste water, sewage, fuels, oils, dilute acids and dilute alkalis

COMPRESSIVE STRENGTH

1 Day ~ 53 MPa
2 Days ~ 61 MPa
7 Days ~ 88 MPa
14 Days ~ 92 MPa

THICKNESS

0.5 mm to 40 mm

ITEM CODE

412572

PACKAGING

18 kg Kit

SIKA®

PRIMING & BONDING SOLUTIONS



Sika MonoTop®-910 N

Bonding primer and reinforcement corrosion protection.

DESCRIPTION

Sika MonoTop®-910 N is a cementitious, polymer modified one-component coating material containing silica fume used as bonding primer and reinforcement corrosion protection for reinforcement.

USES

- Suitable for control of anodic areas (Principle 11, method 11.1 of EN 1504-9)
- Suitable as a bonding primer on concrete and Monotop repair mortars.
- Suitable in concrete repair as reinforcement corrosion protection

ADVANTAGES

- Easy to mix, just add water
- User-friendly application
- Excellent adhesion to concrete and steel
- Good resistance to water and chloride penetration
- Good mechanical strengths
- Can be brushed on or applied using spray gun

ADHESIVE BOND

28 Days ~ 2.0 MPa

THICKNESS

1 mm per coat

ITEM CODE

42100

PACKAGING

5 kg and 10 kg Bucket

SikaTop®-110 EpoCem

Bonding primer and reinforcement corrosion protection.

DESCRIPTION

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

USES

- Suitable for control of anodic areas (principle 11, method 11.1 EN 1504-9)
- Suitale in concrete repair as corrosion protection for reinforcement.
- Suitable as a bonding primer on concrete and Monotop repair mortars.

ADVANTAGES

- Contains Epocem® technology improved bonding agent
- Extended open time for repair mortar
- Compatible with most Sika® repair mortars
- Excellent adhesion to concrete & steel
- Contains corrosion inhibitor
- Certified for application under dynamic load conditions
- Good resistance to water and chloride penetration
- High shear strength
- Long pot life
- Can be brushed on or applied using spray gun
- 2mm cured material equivalent to approx. 50 mm of concrete

ADHESIVE BOND

28 Days > 2.0 MPa

THICKNESS

1 mm to 2 mm

ITEM CODE

159079

PACKAGING

8 kg Kit

Sikadur®-32 LP

Epoxy resin bonding agent

DESCRIPTION

Sikadur®-32 is a high performance bonding agent based on a 2-component solvent free epoxy resin ideally suited to a wide range of building and civil engineering applications.

USES

Sikadur®-32 may be used to bond epoxy mortars, fresh cementitious concrete or Monotop mortars to a wide variety of surfaces including mineral substrates (concrete, brick, stone, mortar, GRC, fibrous cement), wood, iron and steel and cured epoxy mortars. Sikadur® -32 exhibits excellent adhesion, enabling it to be used in both structural and non-structural situations.

ADVANTAGES

- Shrink free
- Insensitive to moisture during application, cure or whilst in service
- Applicable at low temperatures down to 20°C
- Excellent adhesion to most building materials even when damp
- High tensile and flexural strength
- AS/NZS 4020:2018 Approved for portable/drinking water

ADHESIVE BOND

7 Days ~ 13 MPa (steel)
7 Days ~ 3 MPa (concrete)

THICKNESS

Thin layer

ITEM CODE

412242 - 3 L Kit / 412241 - 18 LKit

PACKAGING

3 L & 18 L Kits

SIKA®

REPAIR MORTAR SOLUTIONS



Sika® MonoTop-352 NFG

R3 Light weight repair mortar with corrosion inhibitor.

DESCRIPTION

Sika MonoTop®-352 NFG is a 1-component, polymer modified, fibre reinforced, low shrinkage, light weight repair mortar with corrosion inhibitor meeting the requirement of class R3 of EN 1504-3.

USES

- Suitable for restoration work
- Repair of spalling and damaged concrete in buildings, bridges, infrastructure and superstructure works
- Suitable for structural strengthening
- Suitable for preserving or restoring passivity
- Suitable for use as a repair mortar prior to application of Sikagard® 62 and 63N

ADVANTAGES

- Polymer modified for increased durability
- Easy to apply and superior finishing
- Suitable for hand and machine application
- Can be applied up to 75 mm thick per application layer
- Class R3 of EN 1504-3
- Very low shrinkage behaviour
- Does not require a bonding primer even when manually applied
- Contains corrosion inhibitor
- AS/NZS 4020:2018 approved for portable/ drinking water

PRIMER

MonoTop® 910, Epocem® 110, Sikadur® 32

COMPRESSIVE STRENGTH

1 Day ~ 8 MPa
7 Days ~ 22 MPa
28 Days ~ 30 MPa

THICKNESS

4 mm to 75 mm

ITEM CODE

439443

PACKAGING

20 kg Bag



Sika MonoTop®-412 NFG

R4 Structural repair mortar with corrosion inhibitor.

DESCRIPTION

Sika® MonoTop®-412 NFG is a 1-component, polymer modified, fibre reinforced, low shrinkage structural repair mortar with corrosion inhibitor meeting the requirement of class-R4 of EN 1504-3.

USES

- Suitable for restoration work. Repair of spalling and damaged concrete in buildings, bridges, infrastructure and superstructure works.
- Suitable for structural strengthening Suitable for preserving or restoring passivity

ADVANTAGES

- Polymer modified for increased durability
- Superior workability and finishing
- Suitable for hand and machine application
- Can be applied up to 50mm thick per application layer
- Class R4 of EN 1504-3
- Very low shrinkage behaviour
- Contains corrosion inhibitor
- A1 fire rating
- AS/NZS 4020:2018 approved for portable/ drinking water

PRIMER

MonoTop® 910, Epocem® 110, Sikadur® 32

COMPRESSIVE STRENGTH

1 Day ~ 15 MPa
7 Days ~ 40 MPa
28 Days ~ 50 MPa

THICKNESS

6 mm to 50 mm

ITEM CODE

439355

PACKAGING

20 kg Kit



Sika MonoTop®-612 N

EN 1504-3 R4 High strength high build concrete repair mortar.

DESCRIPTION

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

USES

- For repairing high strength concrete
- Horizontal, vertical and overhead repairs
- Hand applied
- High Build repairs
- For exterior and interior use
- New and old concrete repairs
- Marine repairs
- Trafficable repair applications

ADVANTAGES

- Compatible with Sika® FerroGard® corrosion inhibitors
- Compatible with Sika® FerroGard® Sacrificial Galavanic Anodes
- High build, up to 100mm in one application
- Ultra low shrinkage
- High workability
- Very high resistivity mortar for durable concrete repairs
- AS/NSZ4020:2018 Approved for potable/drinking water

PRIMER

MonoTop® 910, Epocem® 110, Sikadur® 32

COMPRESSIVE STRENGTH

1 Day ~ 18 MPa
7 Days ~ 50 MPa
28 Days ~ 70 MPa

THICKNESS

5 mm to 100 mm

ITEM CODE

462592

PACKAGING

20 kg Kit



Sika MonoTop®-436 N

R4 Structural repair mortar.

DESCRIPTION

Sika MonoTop®-436 N is a 1-component, pre-bagged, pourable, self-compacting, repair mortar meeting the requirements of class R4 of EN 1504-3.

USES

- Repair of concrete on buildings and, civil engineering structures for areas including:
- Beams
- Balconies
- Columns
- Stairs
- Decks
- Walls etc.

ADVANTAGES

- Class R4 of EN 1504-3
- Very good flow properties
- Self compacting micro-concrete
- Placed up to 300mm in one pour
- Excellent adhesion to host concrete
- Low shrinkage
- Finished surface can be painted after formwork is removed
- AS/NZS 4020:2018 approved for portable/ drinking water

PRIMER

MonoTop® 910, Epocem® 110, Sikadur® 32

COMPRESSIVE STRENGTH

1 Day ~ 15 MPa
7 Days ~ 50 MPa
28 Days ~ 70 MPa

THICKNESS

20 mm to 300 mm

ITEM CODE

453417

PACKAGING

20 kg Bag



Sika® Plug

Cementitious fast setting water plug.

DESCRIPTION

Sika plug is chloride free, ready for use powder based on high alumina cement. When mixed with water, it becomes a powerful, fast setting waterplug.

USES

Ready to use waterplug to stop pressure leaks and seepage through rock and concrete, as well as through joints between concrete and steel (bolt surroundings, ducts, sheetpiles etc.) in culverts, tunnels, dams, basements, pools for short term service life.

ADVANTAGES

- Easy to use, easy to mix, just add water
- No special equipment required
- Very fast setting with rapid strength deveelopment.
- Good adhesion to mineral substrates
- Remarkable water-stopping power and hydraulic resistance
- No cracking, practically no shrinkage

PRIMER

N/A

COMPRESSIVE STRENGTH

6 Hours ~ 30 MPa
1 Day ~ 55 MPa
7 Days ~ 70 MPa
28 Days ~ 75 MPa

THICKNESS

Mix in small qtys.

ITEM CODE

412108

PACKAGING

10 kg Bucket



SikaGunite® GP

One component Gunit dry spray applied repair mortar.

DESCRIPTION

SikaGunite® GP is a cement-based, ready to use, one component mortar. It is applied by mechanical application on vertical and overhead surfaces using the dry spraying process, and can be used in civil or mining applications.

USES

- Concrete repair of bridges, canals, sewer linings, sea walls, culverts and tunnels.
- Pier and dock supports.
- Sewage treatment plants.
- Marine environments.
- Retaining walls.
- Protection of steel work.
- Embankment protection and stabilisation

ADVANTAGES

- Easy to use with the addition of potable water
- Economical
- High resistance to chloride and sulfates
- Excellent abrasion resistance
- Controlled shrinkage
- AS/NZS 4020:2018 approved for portable/ drinking water

COMPRESSIVE STRENGTH

1 Day ~ 20 MPa
7 Days ~ 50 MPa
28 Days ~ 70 MPa

THICKNESS

10 mm to 175 mm

ITEM CODE

411268

PACKAGING

20 kg Bag

SIKA®

TRAFFICABLE MORTAR SOLUTIONS



Sika MonoTop®-436 N

R4 Pourable repair mortar.

DESCRIPTION

Sika® MonoTop®-436 N is a 1-component prebagged, pourable, self-compacting, repair mortar meeting the requirements of class R4 of EN 1504-3.

USES

- Repair of concrete on buildings and, civil engineering structures for areas including:
- Beams
- Balconies
- Columns
- Stairs
- Decks
- Walls etc.

ADVANTAGES

- Class R4 of EN 1504-3
- Very good flow properties
- Self compacting micro-concrete
- Placed up to 300mm in one pour
- Excellent adhesion to host Concrete
- Low shrinkage
- Finished surface can be painted after formwork is removed
- AS/NZS 4020:2018 Approved for potable/drinking water

PRIMER

MonoTop® 910, Epocem® 110, Sikadur® 32

COMPRESSIVE STRENGTH

1 Day ~ 15 MPa
7 Days ~ 50 MPa
28 Days ~ 70 MPa

THICKNESS

20 mm to 300 mm

ITEM CODE

453417

PACKAGING

20 kg Bag

Sika® MonoTop®-612 N

EN 1504-3 R4 High strength high build concrete repair mortar.

DESCRIPTION

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

USES

- For repairing high strength concrete
- Horizontal, vertical and overhead repairs
- Hand applied
- High build repairs
- For exterior and interior use
- New and old concrete repairs
- Marine repairs
- Trafficable repair applications

ADVANTAGES

- Compatible with Sika® Ferrogard®corrosion inhibitors
- Compatible with Sika® FerroGard® Sacrificial Galavanic Anodes
- High build, up to 100mm in one application
- Ultra low shrinkage
- High workability
- Very high resistivity mortar for durable concrete repairs
- AS/NZS 4020:2018 approved for potable/drinking water

PRIMER

MonoTop® 910, Epocem® 110, Sikadur® 32

COMPRESSIVE STRENGTH

1 Day ~ 18 MPa
7 Days ~ 50 MPa
28 Days ~ 70 MPa

THICKNESS

5 mm to 100 mm

ITEM CODE

462592

PACKAGING

20 kg Bag

SikaQuick® 2500 AU

Very rapid hardening repair mortar.

DESCRIPTION

SikaQuick 2500 AU is a one component, very rapid hardening, early strength gaining, cementitious patching mortar for concrete.

USES

- Use on grade, above and below grade on concrete
- Highway overlays and repairs
- Structural repair material for concrete roadways, parking structures, bridges, dams and ramps
- Economical patching mortar for horizontal repairs of concrete and mortar

ADVANTAGES

- Very rapid hardening
- Easy to use, labour saving material
- Contains no added chlorides
- Not gypsum based
- High early strength
- Fast setting
- Open to foot traffic in 45 minutes, to vehicle traffic in 1 hour (at 23°C)
- Easy applied to clean, sound substrate

PRIMER

SikaQuick® 2500 AU Slurry

COMPRESSIVE STRENGTH

1 Hour ~ 13 MPa
2 Hours ~ 20 MPa
1 Day ~ 35 MPa
7 Days ~ 65 MPa
28 Days ~ 80 MPa

THICKNESS

5 mm to 150 mm

ITEM CODE

411024

PACKAGING

20 kg Bag

SIKA®

FINISHING MORTAR SOLUTIONS



Sika MonoTop®-723 N

R3 Cementitious pore sealer and levelling mortar.

DESCRIPTION

Sika MonoTop®-723 N is a polymer modified surfacing/ finishing mortar, ready to mix, meeting the requirement of class-R3 of EN 1504-3

USES

- Suitable for restoration work
- Suitable for preserving or restoring passivity
- Use as a concrete pore sealer/ levelling mortar
- Repairing of minor defects (pores and honeycombed concrete)
- Thin layer render

ADVANTAGES

- Excellent workability and finishing
- Suitable for hand or wet spray application
- Can be applied up to 5mm thick per application layer
- Class R3 of EN 1504-3
- Restoration work
- High sulphate resistance
- Low cracking sensitivity
- Low chloride permeability
- Compatible with Sikagard® overcoat systems
- A1 fire rating

COMPRESSIVE STRENGTH

56 Days ~ 40 MPa

THICKNESS

1 mm to 5 mm

ITEM CODE

439444

PACKAGING

20 kg Bag

Sika MonoTop® FC

Thin layer sealing and levelling mortar.

DESCRIPTION

Sika MonoTop® FC is a one component, polymer modified, cementitious levelling mortar containing reactive silica fume.

USES

Sika MonoTop® FC is used as a thin layer levelling and protective sealing mortar on concrete, mortar and masonry surfaces.

ADVANTAGES

- Once component, mix with water only
- Very thin layer applications possible
- Excellent workability
- Good substrate adhesion
- Good mechanical adhesion
- Non-toxic, non-corrosive
- Improved sulphate resistance
- Good resistance to water and chloride ion penetration

COMPRESSIVE STRENGTH

N/A

THICKNESS

0 mm - 3 mm

ITEM CODE

442951

PACKAGING

15 kg Bag

SIKA® EPOXY REPAIR SOLUTIONS



Sikadur®-33

High modulus, high-strength, structural, rapid curing epoxy, smooth-paste adhesive.

DESCRIPTION

Sikadur®-33 is a 2-component, 100% solids, moisture-tolerant, high-modulus, high-strength, structural, smooth-paste epoxy adhesive.

USES

- As a structural adhesive for:
- For concrete repairs
- Joint filling and crack sealing:
- Metalwork, carpentry:
- **For use in the following:**
- Concrete
- Hard natural stone
- Solid rock
- Hollow and solid masonry
- Steel and wood

ADVANTAGES

- Can be used on damp concrete
- Excellent adhesion to the substrate
- Non-sag, also overhead
- High load capacity
- Shrinkage-free hardening
- Styrene-free
- Convenient easy mix ratio A:B=1:1 by volume
- AS/NZS 4020:2018 approved for potable/drinking water

COMPRESSIVE STRENGTH

14 Days ~ 50 MPa

THICKNESS

0.5 mm to 10 mm

ITEM CODE

470836 2 L Kit
412255 20 L Kit

PACKAGING

2 L and 20 L Kits

Sikadur®-31

Thixotropic epoxy resin adhesive mortar.

DESCRIPTION

Sikadur®-31 is a thixotropic adhesive mortar based on a 2-component solvent free epoxy resin containing fillers. Sikadur®-31 will bond and fill a wide variety of building and construction materials and may be used in both dry and damp conditions thereby providing an adhesive mortar ideally suited to site application.

USES

Sikadur®-31 may be used as a thin layer levelling mortar, repair mortar or adhesive for most building materials (concrete, brick, stone, ceramics, cement mortar, GRC, fibrous cement, iron and steel and epoxy mortar). Sikadur®-31 may also be used to anchor holding down bolts, starter bars etc. as a bonding bridge between old concrete and Sikadur®-41 mortar. The material is also ideally suited for bonding of external reinforcement and as a general structural adhesive.

ADVANTAGES

- Chemical resistant
- Insensitive to moisture during application, cure or whilst in service
- Applicable at low temperatures
- Excellent adhesion to most building materials even when damp
- High abrasion resistance
- Approved for use in contact with potable water
- High early strengths
- High tensile and flexural strength
- Easy applied - thixotropic, non-sag
- Shrink free
- AS/NZS 4020:2018 approved for potable/drinking water

COMPRESSIVE STRENGTH

1 Day ~ 50 MPa
7 Days ~ 65 MPa

THICKNESS

2 mm to 30 mm

ITEM CODE

469417

PACKAGING

6 kg Kit

Sikadur®-41

High strength epoxy resin patching mortar.

DESCRIPTION

Sikadur®-41 is a 3-component thixotropic mortars based on a solvent free epoxy resin and selected aggregates.

USES

Sikadur®-41 may be used as a repair or patching mortar for many mineral substrates including concrete, cement mortar and stone. The ease of application and tolerance of site conditions ensures the product can be used to repair or restore profiles on pre-cast or cast in situ concrete elements as well as a general void filler for both vertical and overhead work. Suitable also as an abrasion and impact resistant coating.

ADVANTAGES

- Insensitive to moisture during application, cure and whilst in service
- Bonds to damp concrete
- Applicable at low temperatures
- High abrasion and impact resistant
- High early strength
- Approved for contact with potable water
- High tensile and flexural strength
- Resistant to dilute acid, alkalis and most oils etc.
- Shrink free

COMPRESSIVE STRENGTH

1 Day ~ 60 MPa
7 Days ~ 80 MPa

THICKNESS

30 mm

ITEM CODE

N/A

PACKAGING

11 kg Kit

SikaGard®-720 EpoCem

Epoxy modified cementitious filler and levelling mortar

DESCRIPTION

Sikagard®-720 EpoCem® is a 3-part, epoxy modified, cementitious, fine textured mortar for levelling and finishing concrete, mortar or stone surfaces.

USES

- Thin layer render
- Concrete pore filler/ levelling mortar
- Repairing minor defects (pores and honeycombed concrete)
- Protecting concrete in aggressive and chemical environments
- As a Temporary Moisture Barrier (TMB) for Sikafloor® or Sikagard resin products
- Suitable for moisture control (Principle 2, method 2.3 of EN 1504-9)
- Suitable for restoration work (Principle 3, method 3.1 and 3.3 of EN 1504-9).
- Suitable for physical resistance (Principle 5, method 5.1 of EN 1504-9)
- Suitable for preserving or restoring passivity (Principle 7, method 7.1 and 7.2 of EN 1504-9)
- Suitable for increasing resistivity (Principle 8, method 8.3 of EN 1504-9)
- For interior and exterior use
- Low concrete cover solution

ADVANTAGES

- Improved chemical resistance compared to PCC mortars
- Good protection of concrete in aggressive environments
- Waterproof
- Vapour permeable
- Application range 0.5–3 mm on vertical and horizontal surfaces
- Good adhesion to damp or dry concrete
- Fast overcoating of Sika® resin-based finish products
- Good surface finishing
- Does not require overcoating
- Manual and machine application (wet spray technique)
- 3 mm cured material equivalent to approx. 145 mm of an average quality concrete

COMPRESSIVE STRENGTH

28 Days ~ 45 MPa

THICKNESS

2.0 to 5.0 mm

ITEM CODE

686208

PACKAGING

20.75 kg Kit

SIKA® CRACK INJECTION SOLUTIONS

Sikadur®-52

Low viscosity epoxy resin.

DESCRIPTION

Sikadur®-52 is a low viscosity, free flowing and fast curing injection resin and primer/ coating based on a 2 component solvent free epoxy resin; ideally suited to a wide range of building and civil engineering applications where highly penetrative material is required. It is available in two grades.

USES

Sikadur®-52 may be used to inject and fill cracks between 0.2-5mm wide in a wide variety of constructions applications. Sikadur®-52 does not shrink on curing and forms a rigid, high strength product which exhibits excellent adhesion to most construction materials.

ADVANTAGES

- Shrink free
- Insensitive to moisture during application, cure or whilst in service
- Applicable over wide temperature range
- Low viscosity
- Excellent adhesion to most building materials even when damp
- Proven in service
- High tensile and flexural strength
- Supplied in factory proportioned units
- High early strength
- Chemical resistant

COMPRESSIVE STRENGTH

1 Day ~ 44 MPa
7 Days ~ 54 MPa

ITEM CODE

537139 CTG, 412631 3 kg

PACKAGING

Cartridge, 3 kg Kits

Sikadur®-55 SLV

Super low-viscosity, moisture-tolerant epoxy resin, crack healer/ penetrating sealer.

DESCRIPTION

Sikadur®-55 SLV is a 2-component, 100% solids, moisture-tolerant, epoxy crack healer/ penetrating sealer, having a fast tack-free time to minimise downtime. It is a super low-viscosity, high strength adhesive formulated specifically for sealing both dry and damp cracks.

USES

- Sikadur 55 SLV structurally repairs cracked concrete.
- For interior slabs and exterior abovegrade slabs.
- For elevated horizontal decks, parking garages and other structures exposed to foot and pneumatic tire traffic

ADVANTAGES

- Super low viscosity/low surface tension for excellent penetration into cracks
- Penetrates cracks by gravity down to 0.05 mm in width.
- Prolongs life of cracked concrete
- Penetrates/seals surface of slabs from water absorption, chloride-ion intrusion, and chemical attack
- Structurally improves concrete surface
- Can be open to traffic in 6 hours at 23°C
- High bond strength, even in damp cracks

COMPRESSIVE STRENGTH

1 Day ~ 7.6 MPa
3 Days ~ 57 MPa
7 Days ~ 75 MPa
28 Days ~ 82 MPa

ITEM CODE

183735

PACKAGING

11.3 L Kit

SIKA®

ANCHORING SOLUTIONS



Sika Anchorfix®-1

Fast curing anchoring adhesive.

DESCRIPTION

Solvent and styrene free based, two-component polyester anchoring adhesive.

USES

As a fast curing anchoring adhesive for all grades of:

- Rebars / reinforcing steel
- Threaded rods
- Bolts and special fastening systems
- Concrete
- Hollow and solid masonry
- Hard natural stone
- Solid rock

ADVANTAGES

- Fast curing
- Standard guns can be used
- Can be used at low temperatures
- High load capacity
- ETA Approval available
- Non-sag, even overhead
- Styrene-free
- Low odour
- Low wastage

COMPRESSIVE STRENGTH

~ 60 MPa @ 7 Days

THICKNESS

3 mm maximum

ITEM CODE

497844

PACKAGING

300 ml CTG



Sika AnchorFix®-3001

Epoxy high performance chemical anchoring adhesive.

DESCRIPTION

Sika AnchorFix®-3001 is an epoxy resin based, 2-part, thixotropic, 1:1 mixing ratio, high performance anchoring adhesive. It is specifically designed for anchoring threaded rods and reinforcement bars in both cracked and un-cracked dry or damp concrete.

USES

Sika AnchorFix®-3001 may only be used by experienced professionals. Anchoring adhesive for fixing of non-expanding anchors in the following:

Structural work

- Rebar / steel reinforcement anchoring in new and refurbishment works
 - Threaded rods
 - Bolts and special fastening / fixing systems
- Metalwork, carpentry**
- Handrails, balustrades and supports
 - Railings, windows and door frames
- Substrates**
- Concrete (cracked and un-cracked)
 - Hollow and solid masonry
 - Wood
 - Natural and reconstituted stone & solid rock

ADVANTAGES

- Long open time
- Can be used in damp concrete
- High load capacity
- ETA to ETAG 001 for anchoring in cracked concrete
- ETA to ETAG 001 for rebar connections
- Seismic tested (C1)
- Suitable for contact with drinking water
- Fire resistant
- Styrene-free
- Good adhesion to the substrate
- Shrinkage-free hardening
- Standard sealant guns can be used (250 ml cartridge)
- Low wastage
- AS/NZS 4020:2018 approved for potable/drinking water
- Complies to NCC 2019 reference to AS 5216:2018
- ETA service life of 50 and/or 100 years

COMPRESSIVE STRENGTH

7 Days ~ 85 MPa

ITEM CODE

661381

PACKAGING

250 ml CTG & 600 ml SSG



Sika AnchorFix®-3030

Epoxy high performance chemical anchoring adhesive.

DESCRIPTION

Sika AnchorFix®-3030 is an epoxy resin based, 2-part, thixotropic, high performance anchoring adhesive for anchoring threaded rods and reinforcing bars in both cracked and un-cracked concrete dry or damp concrete.

USES

Sika AnchorFix®-3030 suitably experienced and trained specialist contractors. Anchoring adhesive for fixing of non-expanding anchors in the following:

Structural work

- Rebar / steel reinforcement anchoring in new and refurbishment works
 - Threaded rods
 - Bolts and special fastening / fixing systems
- Metalwork, carpentry**
- Handrails, balustrades and supports
 - Railings, windows and door frames
- Substrates**
- Concrete (cracked and un-cracked)
 - Hollow and solid masonry
 - Wood
 - Natural and reconstituted stone & solid rock

ADVANTAGES

- Long open Time
- Can be used in damp concrete
- High load capacity
- ETA for anchoring in cracked concrete
- ETA for post installed rebar connections
- Seismic tested (C1 & C2)
- Suitable for contact with drinking water
- Fire resistant
- Styrene-free
- Good adhesion to substrate
- Shrinkage-free hardening
- Standard sealant guns can be used (300ml cartridge)
- Low emissions & wastage
- AS/NZS 4020:2018 approved for potable/drinking water
- Complies to NCC 2019 reference to AS 5216:2018
- ETA service life of 50 and/or 100 years

COMPRESSIVE STRENGTH

7 Days ~ 95 MPa

ITEM CODE

607204 & 606845

PACKAGING

300 ml CTG & 585 ml Dual CTG

SIKA®

CONCRETE REPAIR SELECTION GUIDE

Concrete Repair Selection Table

Product	Application Method				Compressive Strength	Max Layer Thickness	EN 1504-3 Class	Potable
Cementitious	Hand	Wet Spray	Pourable	Dry spray	(after 28 days)	(mm)		AS4020
Sika MonoTop® -352 NFG	✓	✓	x	x	30 MPa	75	R3	Y
Sika MonoTop® -412 NFG	✓	✓	x	x	50 MPa	50	R4	Y
Sika MonoTop® -436 N	x	x	✓	x	70 MPa	350	R4	Y
Sika MonoTop® -612 N	✓	✓	x	x	70 MPa	100	R4	Y
SikaQuick®-2500 AU	✓	x	x	x	80 MPa	150	R4	N
SikaGunite® GP AU	✓	✓	x	✓	70 MPa	175	R4	Y
Epoxy Resin								
Sikadur® 33	✓	x	x	x	50 MPa @ 14 Days	10		Y
Sikadur® 31	✓	x	x	x	65 MPa @ 7 Days	30		Y
Sikadur® 41	✓	x	x	x	65 MPa @ 7 Days	>30		Y

Grout Selection Table

Product	Application Method					Compressive Strength	Max Layer Thickness	Yield
Cementitious	Dry	Rammed	Trowled	Poured	Pumped	(after 28 days)	(mm) in one pour	(Litres)
SikaGrout® GP AU	✓	✓	✓	✓	✓	50 MPa	50	10.4-11.1
SikaGrout® 212 HP AU	x	x	✓	✓	✓	75 MPa	100	10.2-10.8
SikaGrout® HES	x	x	✓	✓	✓	65 MPa	150	10.3-10.7
SikaGrout® Deep Pour	x	x	x	✓	✓	70 MPa	500	9.9
SikaGrout® Ultra	x	x	x	✓	✓	100 MPa	100	10.3
SikaGrout® UW	x	x	x	✓	✓	70 MPa	100 above water 200 below water	10.7
SikaGrout® 300 PT AU	x	x	x	✓	✓	65 MPa		12.4-13.6
Epoxy Resin								
Sikadur® 42 (au)	x	x	x	✓	✓	70 MPa @ 7 Days	60	7.3
Sikadur® 42 HF	x	x	x	✓	✓	90 MPa @ 7 Days	40	9.0
Sikadur® 42 HP	x	x	x	✓	✓	100 MPa @ 7 Days	150	16.9
Sikadur® 53	x	x	x	✓	✓	88 MPa @ 7 Days	40	9.0

WHAT WE DO

SIKA IS ACTIVE IN 8 TARGET MARKETS

As global market leader in construction chemical and industry sectors, Sika continuously leverages new growth potential in all its markets through innovation, quality and service. It provides its customers with innovative solutions that boost the efficiency, durability and aesthetic appeal of buildings, infrastructure facilities, installations and vehicles throughout production and use. The fully integrated concepts offered by Sika address the entire life cycle of a facility, from initial construction up to the point in time when repair, refurbishment or extension become necessary. The lengthening of a facility's service life, through appropriate maintenance and modernization, makes both economic and ecological sense. Sika's seven markets are:





122022

WE ARE SIKA

Sika is a specialty chemicals company with 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's product lines feature concrete admixtures, mortars, sealants and adhesives, structural strengthening systems, flooring as well as roofing and waterproofing systems.

HEAD OFFICE

55 Elizabeth Street
Wetherill Park, NSW 2164
P: (02) 9725 1145
F: (02) 9725 2605

NEW SOUTH WALES

122 Newton Road
Wetherill Park, NSW 2164
P: (02) 9725 1700
F: (02) 9756 5001

QUEENSLAND

30 Parker Court
Pinkenba, QLD 4008
P: (07) 3633 9222
F: (07) 3633 9200

QUEENSLAND

70 Platinum Street
Crestmead, QLD 4132
P: (07) 3489 3000
F: (07) 3489 3099

VICTORIA

33 Fiveways Boulevard
Keysborough, VIC 3173
P: (03) 9797 0600
F: (03) 9797 0666

SOUTH AUSTRALIA

28 Kenworth Road
Gepps Cross, SA 5094
P: (08) 8162 9055
F: (08) 8162 9009

SOUTH AUSTRALIA

1-2/28 Maxwell Road
Para Hills West, SA 5096
P: (08) 8349 4955
F: (08) 8349 7061

WESTERN AUSTRALIA

61 Bushland Ridge
Bibra Lake, WA 6163
P: (08) 9395 5300
F: (08) 9395 5399