

PRODUCT CATALOGUE INFRASTRUCTURE AND INDUSTRIAL

SIKA PHILIPPINES
12 .2020 EDITION

BUILDING TRUST



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, protecting and finishing in the construction and motor vehicle industries.

MORE THAN 100 YEARS OF BUILDING TRUST

Our reputation for quality and reliability is unmatched and illustrated through a comprehensive portfolio of problem solving products that have been employed for many years in a diverse range of applications.

COURAGE FOR INNOVATION

Sika's success is based on our long lasting tradition of innovation. We provide intelligent solutions using the most advanced technologies, service and unique expertise. All Sika solutions are designed with our customers' success in mind and we look to build long-lasting and mutually beneficial relationships.

SIKA AT A GLANCE

25, 000+	EMPLOYEES
100+	COUNTRIES
300+	PLANTS WORLDWIDE
7	NEW FACTORIES IN 2019
93	NEW PATENTS IN 2019
5	ACQUISITIONS IN 2019
8.1 BN CHF	NET SALES IN 2019



SIKA PRODUCTS

Sika has core competencies in eight (8) different target markets: Concrete, Refurbishment, Waterproofing, Roofing, Sealing and Bonding, Flooring, Building Finishing and Industry.

WE ARE SIKA PHILIPPINES

**MORE THAN
25 YEARS
IN THE
PHILIPPINES**

2 KEY BRANDS



**ACTIVE IN 8
TARGET MARKETS**

CONCRETE, REFURBISHMENT,
WATERPROOFING, ROOFING,
SEALING & BONDING, FLOORING,
BUILDING FINISHING, FFI &
INDUSTRY

**2 MANUFACTURING
& LABORATORY
FACILITIES
LAS PIÑAS &
TAGUIG**

4 TECHNICAL CENTERS

MANILA, CEBU,
CAGAYAN DE ORO
& ILOILO

**MORE THAN 300
PRODUCTS**

RELIABLE, QUALITY
CONSTRUCTION SOLUTIONS
AVAILABLE LOCALLY



SIKA FULL RANGE SOLUTIONS FOR CONSTRUCTION & INDUSTRY

CONCRETE



Range of admixtures that enhance specific properties of fresh or hardened concrete such as workability, watertightness, durability, load-bearing capacity or early and final strength

REFURBISHMENT



Range of concrete protection and repair solutions such as repair mortars, protective coatings, grouts and structural strengthening systems

WATERPROOFING



Solutions used for below and above-grade waterproofing: flexible membrane systems, liquid applied membranes, waterproofing admixtures, joint waterproofing, waterproofing mortars and injection grouts

ROOFING



Single-ply and built-up flat roofing systems incorporating both flexible sheet and liquid applied membranes as well as thermal insulation and various roofing accessories

SEALING & BONDING



Solutions used for below and above-grade waterproofing: flexible membrane systems, liquid applied membranes, waterproofing admixtures, joint waterproofing, waterproofing mortars and injection grouts

FLOORING



Flooring solutions based on synthetic resin and cementitious systems that meet project requirements for mechanical properties, safety regulation (e.g., slip resistance), chemical or fire resistance, etc.

BUILDING & FINISHING



Sets of solutions dedicated to tile setting, facade protection and decoration, and interior wall finishing

FFI & INDUSTRY



Façade, Fenestration and Insulation (FFI) products for structural glazing and sealing of insulating glass units

INFRASTRUCTURE AND INDUSTRIAL SOLUTIONS FROM SIKA



DESIGN, CONSTRUCTION AND REPAIR OF AN INFRASTRUCTURE CAN BE A CHALLENGING TASK WITHOUT THE RIGHT PARTNER. Sika is able to provide a team of experts and comprehensive solutions to make the process run more smoothly from initial concept to construction to long term maintenance. From below grade structural systems and waterproofing to the roof, Sika is able to promote single source compatible systems, enhance the appearance of structures and extend the life of the project and many of its core components.

Sika has more than 100 years of experience in developing and producing a wide range of quality products and systems that bond, seal, cover, strengthen, reinforce, repair, and protect every portion of the project. Sika's Infrastructure and Industrial Solutions are a resource for integrated, compatible products and systems that produce superior performance. These customized solutions from Sika minimize the effects of threatening environmental conditions, ensure durable structures and help to maximize return on investment.

DEDICATED SUPPORT

Sika's dedicated team of professionals is able to offer a customized solution for projects of all scales. We help through all phases with services including:

- Industry and technical experts
- Customized, value added solutions
- Specifications
- Application training
- Local support

A COMPREHENSIVE APPROACH

To expand capability and give customers a true single source solution, Sika has welcomed the following companies and brands to the Sika family:



A SIKA COMPANY



A SIKA COMPANY



A SIKA COMPANY

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CONCRETE

Range of admixtures that enhance specific properties of fresh or hardened concrete such as workability, watertightness, durability, load-bearing capacity or early and final strength.

Sika® ViscoCrete® Series

High-Efficient Superplasticizers

Latest development superplasticizer for concrete

Packaging:
210 L/drum
1000 L/bulk

Uses:

A unique multipurpose superplasticizer that is particularly suitable for the production of ready mix concrete. Additionally it provides high water reduction and improved fresh concrete characteristics. With its outstanding cost / performance, Sika® ViscoCrete® is used for the following:

- A wide range of applications where excellent workability is requested
- Concrete with high water reduction
- High efficient concrete applications
- Variable use in different concrete systems with different raw materials
- Self-compacting concrete (*Sika® ViscoCrete®-4000 PH*)

Advantages:

A powerful superplasticizer based on advanced technology which gives the following advantages:

- High water reduction, resulting in high density, high strength and reduced permeability
- Less sensitive against variations in aggregates and / or different cement types
- High efficiency even at low dosage rates
- Extended workability in conjunction with subsequent strength development
- Superior plasticizing effect, resulting in improved flow, placing and compaction characteristics
- Reduced shrinkage during curing and reduced creep when hardened



- Provides many opportunities for cost improvement (e.g. Cement replacement/ reduction, more economic design mix)
- Does not contain chloride or any other ingredients which promote the corrosion of steel. It is therefore suitable for use in reinforced and pre-stressed concrete structures.

Sika® ViscoCrete®-3002 P11, -3000 P7 & -4000PH

It is compliant for superplasticizers according to ASTM C494 Type G

Sika® ViscoCrete®-381 PH and -385

It is compliant for superplasticizers and long slump keeping according to ASTM 494 Type G

Sika® ViscoCrete®-4100 and -386

It is compliant for superplasticizers according to ASTM 494 Type F

Shelf Life:

12 months

SikaPlast®-2000 P4 GN

3rd Generation Low-Mid Range Superplasticizer

SikaPlast®-2000 P4 GN is a third generation low-mid range superplasticizer for concrete and mortar. It meets the requirements for superplasticizers according to ASTM C494 type G.

Packaging:
210 L
1000 L/bulk

Uses:

- Suitable for the production of site mixed as well as ready-mix concrete
- Used for concrete with extended transportation or placing time
- Facilitates good water reduction, excellent flow properties optimal cohesion and highest self compaction behaviour

SikaPlast-2000 P4 GN is used for the following types of concrete:

- Hot weather concrete and concrete with extended transportation or placing time
- Concrete with highest water reduction (10-15% typical)
- High strength concrete
- Grade 20-40 mpa low medium-high workability concrete, 75mm - 200mm slump

High water reduction and excellent flowability have a positive influence on the above mention applications

Advantages:

SikaPlast®-2000 P4 GN acts by different mechanisms. Through surface absorption and sterical separation effect on the cement particles, in parallel to the hydration process, the following properties are obtained:

- High water reduction (resulting in high density and strengths)
- Excellent flowability (resulting highly reduced placing and compacting efforts)

Shelf Life:
12 months



Sika® Plastiment-25 TM PH

Water-Reducing and Set-Retarding Concrete Admixture

A concrete plasticizer specially designed for Roller Compacted Concrete (RCC) structures

Packaging:
210 L/drum
1000 L/bulk

Uses:

Sika® Plastiment-25 TM PH is used in structural and mass concrete where long setting times and improved workability are required, such as projects with:

- Large pours, to prevent formation of cold joints in RCC dams etc.
- Long travel times from the concrete plant to site
- Difficult placing conditions and detail
- High ambient temperature

Advantages:

In Fresh State

- Initial setting is delayed allowing time for proper placement and compacting new layer over the retarded RCC, without cold joint
- Decrease the mortar of concrete bonding volume
- Increase the time available to re-compacting the concrete without damaging the material. After the initial set heavy transits can damage the newly hydrated RCC
- Increase of the cement efficiency
- Diminish the rate of initial heat generation

In Hardened State

- Increase the mechanical strengths in any weather conditions
- Diminish the heat generation and the cracking risk
- Increase the density of the RCC

Shelf Life:

12 months



Sikament® NN Liquid and Powder

High Range Water-Reducing Concrete Admixture

A highly effective dual action superplasticizer for the production of free-flowing concrete or as a substantial water-reducing agent for promoting high early and ultimate strengths; complies with ASTM C-494 Type F

Packaging:

Liquid: 5 L/container
10 L/container
210 L/drum
Powder: 150 g /pack



Uses:

Sikament® NN Liquid and Powder is used as a superplasticizer in the production of free-flowing concrete such as:

- Slabs and foundations
- Walls, columns and piers
- Slender components with densely packed reinforcement
- Textured surface finishes

It is also used as a water reducing agent leading to high early strength concrete such as:

- Precast concrete elements
- Hollow blocks and pavements
- Pre-stressed concrete
- Bridges and cantilever structures
- Areas of concrete where formwork must be removed quickly or early loading applied

Advantages:

As a Superplasticizer:

- Workability is greatly improved
- Increased placeability in slender components with packed reinforcement
- Decreases the amount of vibration
- Normal set without retardation
- Significantly reduces the risk of segregation

As a Water reducer:

- Up to 25% water reduction
- 28-day strength improved by up to 40%

Shelf Life:

12 months

Sikament® R-4 P1

High Range Water-Reducing and Set Retarding Concrete Admixture developed for RMC

A liquid superplasticizing admixture based on selected synthetic polymers especially designed to improved performances of ready-mix concrete in hot weather, for long delivery/placement situations, and for long line of pumping concrete or when delays are anticipated. It has an active water reducing agent; complies with ASTM C494-92 Type G that helps promote early high strengths after final set of concrete, and gives superb ultimate strengths



Packaging:

210 L/drum

Uses:

Sikament® R-4 P1 as a superplasticizer for flowing concrete in:

- Floor slabs and foundations
- Slender components with densely packed reinforcement
- Walls and columns
- Beams and ceilings

Advantages:

As a Superplasticizer:

- Highly effective without increased w/c ratio or risk of segregation
- Lasting control of slump loss
- No adverse effect on ultimate strengths

As a Water Reducer:

- Early and ultimate strengths significantly increased. Up to 20% water reduction
- Especially suitable for hot climates
- No excessive air entrainment and adverse shrinkage effect
- Increased water tightness and improved surface finish

Shelf Life:

12 months

Sika® Plastocrete® N PH

Additive for Durable and High Ultimate Strength Concrete

A concrete admixture in liquid form that acts both as a highly efficient plasticizer and waterproofing agent

Packaging:

210 L/drum

Uses:

Sika® Plastocrete® N PH is recommended for use structural and mass concrete, particularly water-retaining structures such as:

- Reservoirs and dams
- Sewerage works
- Canals
- Culverts, tunnels



Advantages:

Sika® Plastocrete® N PH provides the following properties:

- Improved workability without increased water content
- Allows easier compaction leading to denser concrete and superior finish
- Increased strength and durability
- Reduced shrinkage
- Improved water tightness
- Chloride-free does not attack reinforcement

Shelf Life:

12 months

Sika® Plastocrete® RM/C

Water-Reducing and Set-Retarding Concrete Admixture

A cost effective and versatile water-reducing and set retarding concrete admixture with a wide dosage range for varied applications. It produces high quality concrete with extended set retardation to allow sufficient time for delivery and placement.



Packaging:

210 L/drum
1000 L/bulk

Uses:

Sika® Plastocrete® RM/C is designed for used where the delivery and placing conditions for high quality concrete are most demanding, such as:

- Ready-mix concrete (RM/C)
- Pumped concrete
- Precast and prestressed concrete
- Long hauls/ high temperature RMC supplies
- Large volume / continuous concrete pour

Advantages:

Sika® Plastocrete® RM/C is a ready-to-use liquid concrete admixture which provides the following properties:

- Improved workability of fresh concrete
- Controlled extension of setting times
- Long slump retention (extended slump life)
- Accelerated strength development after setting
- Reduced shrinkage and creep
- Chloride-free - does not attack reinforcement steels

Shelf Life:

12 months

Sika® Antisol S

Curing Agent For Concrete

Sika® Antisol S is a ready to use solution which forms a micro-crystalline seal in the concrete pores reducing the evaporation rate of moisture from the concrete mix and thus assisting in the complete curing process.

Packaging:
210 L/drum

Uses:

- Applied to fresh concrete surfaces to form an impervious layer which protects the concrete from rapid water evaporation during initial curing stages.
- Particularly recommended for the treatment of vertical surfaces which will receive subsequent treatments or where resin based curing membranes would be unsuitable.
- Useful in buildings and manufacturing industries



Advantages:

Sika® Antisol S provides the following beneficial properties to concrete surfaces:

- Generally helps concrete to attain maximum hydration, strength durability and surface hardness
- Improves the surface appearance
- Reduces shrinkage
- Reduces dust formation
- Reduction in permeability of concrete
- When used properly, adhesion of subsequent treatments to concrete surface is not impaired

Shelf Life:
12 months

Sika® Formol-EX

Chemical Form Release Compound for Precasters

A chemical release agent for use on both wooden and steel molds, Sika® Formol-EX offers protection to both steel and timber formwork as it acts as a rust inhibitor and waterproofer.

Packaging:
210 L/drum

Uses:

- Can be used with excellent effect on formwork designed to produce all types of finishes, from fair-faced to textured.
- Has been found to assist in the protection of equipment used in the handling and placing of concrete. A thin coating on Bowls, Borrows, Skips, Shovels, etc. will make these easier to clean and protects against corrosion.

Advantages:

Sika® Formol-EX can be applied by either spray, brush or roller. Surfaces should be clean and free from greasy and old concrete.

Shelf Life:
Unlimited in original sealed container



Sika® AER PH

Air-entraining Concrete Admixture

A ready to use highly concentrated air-entraining concrete admixture. Its efficiency is based upon the entrainment into the mix of a high number of correctly sized and evenly distributed air bubbles; complies with ASTM C260-94.

Packaging:
210 L/drum

Uses:

Sika® AER PH is used to produce easily workable and durable concrete for:

- Roads
- Runways and taxi ways
- Aprons and hard standings
- Dams and reservoirs
- Mass concrete structures

Advantages:

Sika® AER PH provides the following properties:

- Improved workability
- Improved durability
- Increased cohesion reducing the risk of segregation
- Reduced water content without loss of workability
- Unaffected setting time even when overdosed

Shelf Life:
12 months



Sika® Fume

Additive for Durable and High Ultimate Strength Concrete

SikaFume is a new generation concrete additive in loosely agglomerated particles form based on silica fume technology. It is a highly effective additive for the production of high performance concrete.

Packaging:
10 Kg/bag

Uses:

SikaFume is used in shotcrete, structural concrete, precast concrete and other fields of concrete construction where high demands are imposed on the quality of fresh and hardened concrete.

Shelf Life:
36 months



Advantages:

SikaFume contains extremely fine latently reactive silicic dioxide. The presence of the substance imparts greatly improved internal cohesion and water retention in the fresh concrete. In the hardened concrete, the latently reactive silica fume forms a chemical bond with the free lime (CaOH₂). The additional formation of hydration products results in a significantly denser cement matrix.

With the use of SikaFume the concrete will show the following properties:

- High stability of green concrete
- Highly increased durability
- Increased ultimate strengths
- Increased abrasion resistance
- Increased water tightness
- Increased gas tightness
- Reduced chloride penetration

Sika® MRA

Emulsion-Based Mould Release Agent

A carefully blended combination of refined mineral oils and emulsifying agents, producing a thin film stable release agent

Packaging:
210 L/steel drum

Uses:
Sika® MRA, when applied to steel, plastic and timber formwork, allows clean, fast and easy striking.

Advantages:
Sika® MRA provides the following properties:

- Good adhesion to the formwork
- Does not re-emulsify
- Undisturbed by concrete
- Reduces concrete contamination
- Non-inflammable
- MRA is suitable for use on all type of formwork
- All tools can be cleaned with water
- It is an effective rust inhibitor

Shelf Life:
12 months



Sika® Rugasol C

Surface Retarder for Horizontal Surfaces

A ready-to-use liquid that retards the surface mortar of concrete to expose the aggregate

Packaging:
210 L/drum

Uses:
Sika® Rugasol C is a surface retarder for application on horizontal surfaces of freshly laid concrete area such as:

- Floor slabs
- Paths
- Driveways
- Patios
- Swimming pools
- Concrete construction joints

Advantages:
Exposing the aggregate is one of the most effective methods of preparing concrete construction joints. By producing exposed aggregate surface finishes, it offers the opportunity for decorative finishes to concrete surfaces particularly around houses, civic amenities, office buildings, shopping plazas, commercial building, and others.

Shelf Life:
12 months



Sika® Rugasol F

Concrete Surface Retarder

Sika® Rugasol F has been specifically designed for vertical application to formwork to produce exposed aggregate finishes or for producing a mechanical key to stop ends, or subsequent rendering applications.

It will only delay the ultimate hardening and does not stop the setting of the cement. When used correctly, this will not stain concrete, even white concrete. It will not affect the bond of reinforcement to concrete even if accidental splashing occurs, provided it is thoroughly cleaned with water.

Packaging:
20 Kg/container

Advantages:

- Used to exposed aggregate on Portland cement based concrete surfaces
- Provides an efficient, economical method of obtaining a rough bonding surface without the need for hacking, chipping or grit-blasting
- Used to produce precast panels having a decorative architectural finish showing the color and texture of natural aggregate. The aggregate remains whole and unbroken
- Painted directly on formwork for walls, ceilings, vertical construction joints or any similar formed concrete surface
- Dries on the formwork to a tough, but water-soluble film. Protect from rain. Forms may be coated before or after erection. Reinforcing still is placed as usual.
- Retards the set of the cement paste by up to 6mm (1/4 inch) depth, the depth depends upon the thickness of coating, the time elapsed before the retarder is removed, the cement content of the concrete and the quantity of water in the mix. The ambient temperature will also affect the depth of retardation.

Shelf Life:
12 months



Sika® Intraplast Z PH

Expanding & Plasticizing Admixture for Cementitious Grout

Sika® Intraplast Z PH is an expanding grout admixture that works by introducing micro bubbles into the mix. It produces wet volume expansion and increased fluidity without segregation.

Packaging:
0.8 Kg/plastic bag (20 packs/box)

Uses:
Intraplast Z PH is used to increase cohesion of sand/cement grouts and suitable for use in the grouting of:

- Prestressed cable ducts
- Rock and soil anchoring
- Bearing plates
- Pre-placed aggregates
- Tunnel linings
- Precast concrete elements
- Tilt-up construction wall panels

Advantages:

- Intraplast Z PH plasticizes the mix allowing for an approximate reduction in water of up to 20% for equal fluidity, thus improving the strength and hardened properties of the grout
- Gas generated during setting produces minute bubbles evenly distributed in the grout mix, causing expansion to take place thus compensating for normal drying shrinkage
- The initial retarding effect of Intraplast Z and its plasticizing action improves grout penetration and reduces water separation and bleeding. The expansive forces generated promote complete filling of voids and fissures

Shelf Life:
12 months



SikaFiber PP Micro-20

Monofilament Polypropylene Fiber

SikaFiber PP Micro-20 is a monofilament polypropylene fiber for use in concrete to reduce the incidence of plastic shrinkage cracking. It increases the strain capacity of the fresh concrete therefore reducing plastic cracking.

Packaging:

18 kg/box (0.6 kg/PE bag)

Uses:

SikaFiber PP Micro-20 is ideal for use in concrete used to produce:

- Floor slabs
- Driveways
- Tilt slabs
- Floor toppings
- Precast units
- Colored concrete

SikaFiber PP Micro-20 can be used in both dry and wet shotcrete applications such as:

- Pools
- Channels
- Retaining walls
- Building restoration

Advantages:

SikaFiber PP Micro-20 provides the following benefits:

- Less plastic shrinkage cracking
- Increased resistance to impacts and shattering
- Increased abrasion resistance
- Non-staining

When used in shotcrete the benefits are:

- Reduced rebound waste
- Increased fatigue resistance
- Thicker layer builds
- Alkali and dust proof
- Reduced sag
- Non-staining

Shelf Life:

Unlimited in original sealed container



Sikacrete-213 FMY

Wet Sprayed Fire Protection Mortar

Cement-based pre-bagged, dry mix fire protection mortar for wet sprayed application especially in tunnel construction. Sikacrete has approval for use up to 4 hours fire protection.

Packaging:

12 Kg/bag

Uses:

Sikacrete-213 FMY is used for concrete, reinforced concrete, carbon fiber and steel structures exposed to fire hazards. It contains phyllosilicate aggregates, which are highly effective in resisting the heat of hydrocarbon fires. The thickness of the fire protection layer to be applied depends on the specified fire resistance. The outstanding properties of Sikacrete-213 FMY allow greatly reduced thickness of the fire protection layer required

Advantages:

- Pre-bagged dry mortar mix for application by the wet spray process
- Minimal layer thickness to meet specifications
- Easy to apply
- It does not contribute to the formation of smoke or toxic fumes in fire
- Light weight, low density
- The sprayed mortar surface can be finished by trowel or wood float
- Minimal rebound

Shelf Life:

12 months



SikaControl® WT-220 PH

Water Resisting and Crystalline Waterproofing Concrete Admixture

SikaControl® WT-220 PH is a combined water resisting and crystalline waterproofing admixture used to reduce permeability of concrete

Packaging:

3.5 Kg/plastic bag (6 bags/box)

Uses:

SikaControl® WT-220 PH has been specifically formulated to produce high quality watertight concrete for the following:

- Tunnels
- Basements
- Culverts
- Canals
- Water-tanks
- Inspection-chambers
- Manholes
- Swimming pools

Advantages:

SikaControl® WT-220 PH consists of a mixture of cements, amino alcohols and some other active ingredients. These active materials will form non-soluble materials throughout the pore and capillary structure of the concrete and seal the concrete permanently against penetration of water and other liquids. In addition, the special formula and ingredients enhances the self-healing properties of concrete and will improve the ability to heal concrete cracks

- Reduced water penetration under pressure
- Reduced water absorption
- Enhancement of self-healing properties of the concrete
- Improvement in resistance against chemical attack
- Reduced vapour transmission

Shelf Life: 6 months



Sika® UCS

Anti-Washout Admixture for Underwater Concrete and Mortar

Sika® UCS is a powdered underwater / anti-washout admixture. It is made for the purpose to increase the cohesion of cementitious component in water. It enables to protect concrete from washout as it passes through water.

Packaging:

12 Kg/bag (3 packs x 4Kg/bag)

Uses:

Sika® UCS is mainly used for the following applications;

- Underwater foundation of bridges
- Breakwaters and near sea construction
- Impossible site of tamping
- Marine construction

Advantages:

- No segregation
- No need to vibrate for compacting by extended workability
- Minimizes water pollution because of superior anti washout properties

Shelf Life:

12 months



Sika® Sigunit® P-1 AF

Accelerating Shotcrete Admixture Powder

Sika® Sigunit® P-1 AF is a readily soluble powder. When it is dissolved in water it is a high performance liquid, alkali-free set accelerator for shotcrete. Its effectiveness depends on its mixing ratio between powder and water.

Packaging:
25 Kg/bag

Uses:

Sika® Sigunit® P-1 AF dissolved in water is suitable for both dry and wet spraying processes and it is used for:

- Support at the face whilst advancing tunnel and mines
- Rock and slope stabilization
- High quality lining shotcrete

Advantages:

Sika® Sigunit® P-1 AF dissolved in water as a shotcrete set accelerator has the following characteristics and advantages:

- High early strength development
- Alkali-free
- Minimal strength loss of the accelerated concrete
- No pollution of groundwater by leached out alkalis
- Distinct reduction of rebound & dust
- Improves bond of shotcrete to rock and concrete thus facilitating overhead spraying
- Chloride-free, no negative effect on reinforcement steel

The supply in powder form has the following additional advantages:

- High flexibility in use
- Low cost of logistics
- Longer shelf life

Shelf Life:
12 months



Sika® Sigunit® L-54 AF

Alkali-Free Liquid Shotcrete Accelerator

Sika® Sigunit® L-54 AF is a high-performance, alkali-free accelerator in liquid form for shotcrete applications.

Packaging:
210 L/drum

Uses:

Sika® Sigunit® L-54 AF is a set accelerator suitable for both wet and dry spray applications mainly used in:

- Securing of rock in tunnel and mine construction
- Rock and slope stabilization
- High quality shotcrete for general construction work

Advantages:

- Alkali-free (non-caustic) and classified as non-toxic product
- Very fast setting of shotcrete mixes
- No strength loss of the accelerated concrete if used correctly
- No additional contamination of mountain and ground water due to washed out alkalis
- Large reduction in rebound
- Improves bond of shotcrete, making overhead spray easier
- Free of chlorides, no danger to steel reinforcement and steel fibers
- Low viscosity - less pumping problems

Shelf Life:
3 months



Sika® Sigunit® -111 LS PH

Liquid Shotcrete Accelerator

Sika® Sigunit®-111 LS PH is a high quality shotcrete accelerator in liquid form.

Packaging:
210 L/drum

Uses:

Sika® Sigunit®-111 LS PH is used for accelerating the set of dry or wet sprayed concrete mixes.

The main fields of applications are:

- Temporary support in underground constructions excavated by the traditional method (NATM)
- Slope stabilization
- Dewatering work in dry process configuration

Advantages:

Sika® Sigunit®-111 LS PH provides the following benefits:

- Reduction of the spraying time as application of thick layers is possible
- Create a rapid setting of the shotcrete
- Free from chlorides (can be used with shotcrete containing steel fibers - e.g. SikaFiber)
- Large reduction of rebound as long as the spraying is performed according to the states of the art
- Improves bonding of sprayed concrete to rock, concrete

Shelf Life:
12 months



SikaBond® R&B-100

Polyurethane Elastomeric Material for the repair of Rubber Conveyor Belts

SikaBond R&B-100 is a polyurethane, 2-part, elastomeric, synthetic resin based material, designed for the repair of rubber conveyor belts and other industrial rubber surfaces.

Packaging:

Component A 750 G
Component B 60 G (separately packed)

Available in a box together with:

SikaBond® R&B-100 Primer: 60ml approx
SikaBond® R&B-100 Cleaner: 60ml approx

Uses:

- Repair of natural and synthetic rubber conveyor belt covers
- Use as elastomeric rubber coatings
- Repair of rubber pulleys and other moving parts

Advantages:

- Easy application (cold hardening)
- Hardens rapidly for a fast return to service
- Easy to apply
- Good chemical and mechanical resistance
- Self-levelling properties
- High elasticity once hardened
- High adhesion to correctly prepared substrates

Shelf Life:
24 months



REFURBISHMENT

Range of concrete protection and repair solutions such as repair mortars, protective coatings, grouts and structural strengthening systems

SikaGrout® UW MY

Shrinkage Compensated Cementitious Grout for Underwater Applications

SikaGrout® UW MY is a ready to use, cementitious grout that can be used for applications underwater. The grout when properly mixed, will have no significant wash out of the cement phase. SikaGrout® UW MY is a blend of Portland cement, carefully selected and graded aggregates, and Sika admixtures, enabling it to achieve excellent flow, non wash out characteristics, and high compressive strength.



Packaging:
25 Kg/bag

Uses:

SikaGrout® UW MY can be used for free flowing or pumped grout applications under water, for reinstating concrete such as:

- Bridge columns
- Pillars
- Piles
- Spillways
- Dams

Advantages:

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

Shelf Life:
9 months

SikaGrout®-200 PT ID

High Performance, Zero Bleed, Sand Free, Cementitious Grout for Post-Tensioned Structures and Anchor Bolting

SikaGrout®-200 PT ID is a non-shrink, 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®-200 PT ID compensates for shrinkage in both the plastic and hardened states.



Packaging:
20 Kg/bag

Uses:

- Use for horizontal and vertical grouting of ducts within bonded, post-tensioned structures
- Use to grout and fill or repair voids within ducts of post-tensioning strands for corrosion protection
- Use for grouting with tight clearance requirements
- Use as grout for anchor bolt

Advantages:

- Sand-free allows filling and repairing of voids within ducts of post-tensioned structures
- Pre-packaged in accordance with ISO 9001 which ensures consistency of the manufactured material
- Silica fume enhanced for low permeability
- Easy to use; just add water
- Zero bleeding, even at high flow
- Low heat build-up
- Excellent for pumping:
 1. Does not segregate even at high flow
 2. No build-up on equipment or hoppers
- Non-corrosive, does not contain chlorides

Shelf Life: 9 months

SikaGrout®-215

Pumpable Shrinkage Compensated Cementitious Grout

SikaGrout®-215 is a shrinkage compensated self-leveling, cementitious grouting mortar with extended working time to suit local temperature

Packaging:
25 Kg/bag

Uses:

SikaGrout®-215 is suitable for repairs to concrete structures and the following grouting works with clearance of 10mm or more:

- Machine foundations
- Rail beds
- Columns in precast construction
- Concrete anchors
- Bridge bearings
- Cavities
- Gaps
- Recesses

Advantages:

- High early strength
- High ultimate strength
- Extended working time
- Dense, non-shrink
- Non-toxic, non-corrosive
- Chloride and iron-free

Shelf Life:
12 months



DPWH Pay Item Listed Reference

SikaGrout®-212

Shrinkage Compensated Grout

SikaGrout®-212 is a shrinkage compensated, self-leveling, pre-mixed cementitious grouting mortar with extended working time to suit local ambient temperature; Complies to ASTM C-1107

Packaging:
25 Kg/bag

Uses:

SikaGrout®-212 is suitable for the following grouting works: machine foundations, rail beds, columns in precast construction anchor bolts, bridge bearings cavities, gaps, recesses

Advantages:

- Excellent flowability
- Good dimensional stability
- High strengths, adjustable consistency
- No bleeding
- Non-toxic, non-corrosive
- Ready and easy to use
- Economical
- Impact and vibration resistant

Shelf Life:
12 months



DPWH Pay Item Listed Reference

SikaGrout®-112 PH

General Purpose Non-Shrink Grout

For grouting works requiring up to 6,000 psi (28d)

Packaging:
25kg bag

Uses:
Bedding, filling and grouting applications where complete filling of voids and non-shrink material is required. It can be used under-plate, repairs to precast concrete, bedding bearing plates and anchor bolt fixing.

Shelf Life:
6 months

NEW!



**DPWH Pay Item
Listed Reference**



Sika® AnchorFix-3001

High-Performance, Professional Epoxy Anchoring Adhesive

Solvent-free, thixotropic, two-part, epoxy resin-based, high performance anchoring adhesive for threaded rods and reinforcing bars in both cracked and un-cracked concrete

Packaging:
250 ml/cartridge (12 pieces per box)

Shelf Life:
24 months

Uses:
For the 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

Metal work, carpentry:

- Fixing of handrails, balustrades and supports
- Fixing of railings
- Fixing of window and door frames

In the following substrates:

- Concrete (cracked and un-cracked)
- Hard natural and reconstituted stone
- Solid rock and wood
- Hollow and solid masonry

Advantages:

- Long Open Time
- Can be used in damp concrete
- High load capacity
- ETA Approval available
- ICC-ES Approval available
- Drinking Water certified
- LEED Attestation available
- Fire resistance test report available
- Seismic testing available
- Styrene-free
- Excellent adhesion to the substrate
- Shrinkage-free hardening
- Standard guns can be used (with the 250ml cartridge)
- Low odor and low wastage



**DPWH Pay Item
Listed Reference**

Sikagard®-720 EpoCem® HC

Superfine Epoxy-Cement Sealing Mortar

Sikagard®-720 EpoCem® HC is three-part, epoxy modified cementitious, thixotropic, fine textured mortar for leveling and finishing of concrete or mortar surfaces

Packaging: 21 Kg/set
Shelf Life: Part A & B - 12 months
Part C - 9 months

Uses:

- As sealing mortar (0.5-2.0 mm) on concrete and mortar
- For repairs to fair faced concrete in chemically aggressive environment
- As pore sealer on horizontal and vertical surfaces
- As temporary moisture barrier

Advantages:

- Fast and easy to apply
- Excellent adhesion to dry or damp concrete
- Suitable for interior and exterior use
- An ideal surface preparation for the subsequent application of Sika epoxy products
- Minimum delays to follow-up application of Sika epoxy products
- Impervious to a liquid but permeable to water vapour (allows substrate to "breathe")
- Solvent-free



SikaTop® Armatec-110 EpoCem®

Bonding Primer and Reinforcement Corrosion Protection

SikaTop® Armatec-110 EpoCem® is a cementitious, epoxy resin three-component coating material with corrosion inhibitor, used as bonding primer and reinforcement corrosion protection. SikaTop® Armatec-110 EpoCem® meets the requirement of EN 1504-7

Packaging: 20 Kg/set
Shelf Life: 12 months

Uses:

- Suitable for control of anodic areas (Principle 11, method 11.1 EN1504-9)
- Suitable in concrete repair as corrosion protection for reinforcement
- Suitable as bonding primer on concrete and mortar

Advantages:

- Contains EpoCem® technology - improved bonding agent
- Extended open time for repair mortars
- Compatible with most Sika MonoTop repair mortars
- Excellent adhesion to concrete and steel
- Contains corrosion inhibitor
- Certified for application under dynamic load conditions
- Good resistance to water and chloride penetration
- High shear strength



**DPWH Pay Item
Listed Reference**

SikaTop® -121

Polymer Modified, Patching and Adhesive Mortar

A two-component cement based polymer modified trowelable adhesive and filling compound for the protection and repair concrete surfaces

Packaging:
25 Kg/set

Shelf Life:
9 months

Uses:

- Protective coating for bridge parapets retaining walls
- Filling compound to level of irregularities and fill blowholes and fine honey combings
- Bonding mortar between new and old concrete
- Rendering for reservoirs

Advantages:

- Easy to mix and apply
- Excellent adhesion
- Good mechanical strength
- Increase resistance to salt water, chlorides and carbonation
- Waterproof
- Non-corrosive to steel, non-flammable
- Non-toxic
- High abrasion resistance



SikaTop® -122

Fiber-Reinforced, Polymer Modified Repair Mortar

Two-component, cement based polymer modified, repair mortar with added polyamide fibers, to form a high strength repair and levelling mortar for concrete

Packaging:
30 Kg/set

Uses:

As an economical and easy to use concrete repair mortar, suitable for:

- Bridges
- Water retaining structures
- Making good damaged edges and joint arises
- Repairing honeycombing
- Concrete repair in general

Advantages:

- Easy to mix and apply
- Excellent adhesion
- Good mechanical strength
- Good water and oil resistance
- Increase resistance to salt water, chlorides and carbonation
- Non-toxic and non-flammable
- High abrasion resistance

Shelf Life:

9 months



SikaRepair-224

One-Component, Cementitious, Sprayable Mortar for Structural Repairs

SikaRepair-224 is a one-component, pre-packaged, ready-to-use, cementitious, silica fume, fiber-reinforced, high strength shrinkage-compensated mortar. Formulated for application by trowel or low pressure spray. It is designed especially for repair of overhead and vertical surfaces.

Packaging:
22.7 Kg/bag

Uses:

A high-performance repair mortar for wet spray application. Suitable for new construction, repairs, and maintenance work. Typical applications include:

- Structural repair material for water and wastewater treatment plants, parking structures, industrial plants, bridges, tunnels and dams, etc.
- Use on vertical and overhead surfaces
- Use on grade, above, and below grade on concrete and mortar
- Potable water tank (NSF approved in Marion, OH and Santa Fe Springs, CA)

Advantages:

- Ready-to-use, one-component material
- Easy to use; just add water
- Sprayable system
- Potable water approved
- Superior workability. Can be trowelled and screeded after application
- Labor-saving system
- Superior abrasion resistance over conventional Portland cement mortar
- Bond strength ensures superior adhesion
- Not a vapor barrier
- Compatible with coefficient of thermal expansion of concrete
- High early strengths
- Very low shrinkage
- Silica Fume enhanced
- Fiber reinforced

Shelf Life: 12 months



Lanko 712 Rapidex

Fast-Setting Non-Shrink Fiber-Reinforced Mortar

LANKO 712 LANKOROAD RAPIDEX is a fast-setting repair mortar for roads and floors.

Packaging: 25 kg bag
Shelf Life: 6 Months

Uses:

- Repairs to concrete facades, spalling, honeycombing
- Concrete restructuring: balconies, terraces, walls, overhangs, cornices

Advantages:

- Non-shrink mortar
- Provides a smooth finish
- Can be painted over after 24 hours (depending on thickness and atmospheric conditions)



DPWH Pay Item Listed Reference

Lanko 731 Lankorep Structure PH

Fiber Reinforced Non-Shrinking Mortar

LANKO 731 LANKOREP STRUCTURE PH is a fiber-reinforced non-shrink mortar for repair of concrete structures and reinforcement of weakened structures with application thickness of 5mm to 50mm.

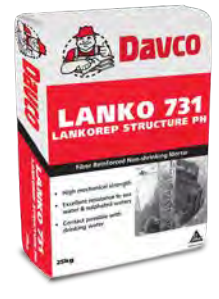
Packaging: 25 kg bag
Shelf Life: 12 Months

Uses:

- Repair of concrete surfaces: spalling, honeycombing, stair nosing, ramp, etc.
- Concrete restructuring: pillars, slabs, posts, dams, aprons and spillways
- Reinforcement of weakened structures: balconies and cornices
- Treatment of chamfers and seams prior to waterproofing

Advantages:

- High mechanical strength
- Excellent resistance to sea water & sulphated waters



DPWH Pay Item Listed Reference

Lanko 732 Lankorep Facade

Fiber Reinforced Non-Shrink Repair Mortar

LANKO 732 LANKOREP FACADE is a fiber-reinforced, non-shrink mortar used to repair and restructure concrete facades. Application may be from 1 mm to 35mm thickness.

Packaging: 25 kg bag

Uses:

- Repairs to concrete facades, spalling, honeycombing
- Concrete restructuring: balconies, terraces, walls, overhangs, cornices

Advantages:

- Non-shrink mortar
- Provides a smooth finish
- Can be painted over after 24 hours (depending on thickness and atmospheric conditions)

Shelf Life: 12 Months



DPWH Pay Item Listed Reference

Sikacrete® Gunite-105 PH

Cement Based Shotcrete Repair Mortar

Sikacrete® Gunite-105 PH is a single component, high strength cement based repair mortar designed for vertical and overhead application, sea walls, bridge decks, and piers, canals, sewer linings and embankment stabilization.

Packaging: 25 kg Bag
Shelf Life: 6 Months

Uses:

- Wide range application in ground-support application, linings, and building structures
- Applied as final lining or temporary support during tunneling
- Used for stabilization and protection of earth surface during embankment stabilization
- For swimming pool construction and skate parks

Advantages:

- High Early Strength
- High Mechanical Strength
- Easy and Fast Application

NEW!



Sikadur®-42 MP Normal HC

3-part, Multipurpose Epoxy Grouting System

Sikadur®-42 MP Normal HC is a three-component, multipurpose, moisture tolerant, epoxy grouting system. For use at temperatures between +10°C and +30°C

Packaging:
12 Kg/set



Uses:

High strength grouting and fixing of:

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

Under-grouting and bedding of:

- Base plates
- Machine bases, seat base-plates for light and heavy machinery including heavy impact and vibratory machinery, reciprocating engines, compressors, pumps, presses, etc.
- Bridge bearings
- Mechanical joints (i.e. road/bridge/deck types, etc.)

Sleeper-less, direct rail fixing:

- Crane tracks
- Light rail and permanent way in tunnels
- Light rail and permanent way over bridges

Advantages:

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

Shelf Life:

Part A & B - 24 months
Part C - 9 months

Sikadur®-53

Water Displacing Epoxy Resin Grout

Sikadur®-53 is a pourable, multi-functional high density epoxy grout based on a 2-component solvent free epoxy resin system containing fine fillers. Sikadur®-53 exhibits excellent insolubility and displacement characteristics in wet and underwater applications but useable in



Packaging:

18 Kg/set

Uses:

- 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
- Highly insoluble in water and safe for specialist diver use
- 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
- Mixed with 30% by volume sand a high build grout is formed that is easy to apply under water
- Used to grout starter bars, baseplate grouting and bolts for dry and underwater construction work
- May also be used as a bonding bridge for underwater concreting and as a pipeline jointing material

Advantages:

- Suitable for dry, wet, underwater or marine applications
- Applicable at low temperatures
- High mechanical strengths
- Highly insoluble in water
- 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
- To be used in conjunction with pile jacket systems for rehabilitation of concrete and timber piles in marine applications

Sikadur®-31 CF Normal

2-part Thixotropic Epoxy Adhesive

Sikadur-31 CF Normal is a moisture tolerant, thixotropic, structural two-part adhesive and repair mortar, based on a combination of epoxy resins and special fillers, designed for use at temperatures between +10°C and +30°C

Packaging:
6 Kg/set



Uses:

As structural adhesive and mortar for:

- Concrete elements
- Hard natural stone
- Ceramics, fiber cement
- Mortar, bricks, masonry
- Steel, iron, aluminum
- Wood
- Polyester, epoxy
- Glass

As a repair mortar and adhesive:

- Corners and edges
- Holes and void fillings
- Vertical and overhead use

Joint filling and crack sealing:

- Joint and crack arris/edge repair

Advantages:

- Easy to mix and apply
- Suitable for dry and damp concrete surfaces
- Very good adhesion to most construction materials
- High strength adhesive
- Thixotropic: non-sag in vertical and overhead applications
- Hardens without shrinkage
- Different colored components (for mixing control)
- No primer needed
- High initial and ultimate mechanical strength
- Good abrasion resistance
- Impermeable to liquids and water vapour
- Good chemical resistance



DPWH Pay Item
Listed Reference

Sikadur®-732

Epoxy Resin Bonding Agent

Solvent-free, thixotropic, 2-component structural epoxy resin adhesive. Sikadur®-732 provides a perfect bond for new concrete surface to old concrete. Complies with ASTM C 881-78 Type II, Grade 2, Class B + C

Packaging:
5 Kg/set

Uses:

- To bond fresh, plastic concrete to hardened concrete and steel
- Grout bolts, dowels, and pins, etc.
- Structural adhesive for concrete, masonry, metal, wood, etc.

Advantages:

- High strength bonding/adhesive
- Excellent adhesion to most structural materials
- High early and final strength
- Insensitive to moisture before, during and after cure
- Highly effective, even on damp surfaces

Shelf Life:

24 months



DPWH Pay Item
Listed Reference

SikaWrap®

Woven Unidirectional Fiber Fabric, Designed for Structural Strengthening Application as Part of the Sika® Strengthening System

SikaWrap® is a unidirectional woven carbon or glass fiber fabric with mid-range strength, designed for installation using the dry or wet application process; Complies to DPWH Item-416 & ACI 440.2R

Product Range:

Carbon Fiber

SikaWrap®-230 C	0.5 m x 100 m/roll
SikaWrap®-300 C	0.5 m x 100 m/roll
SikaWrap®-450 C	0.5 m x 50 m/roll
SikaWrap®-600 C	0.5 m x 50 m/roll

Glass Fiber

SikaWrap®-430 G	0.5 m x 80 m/roll
SikaWrap®-930 G	0.5 m x 40 m/roll

Uses:

Structural strengthening of reinforced concrete, masonry, brickwork, and timber elements or structures, to increase flexural and shear loading capacity for:

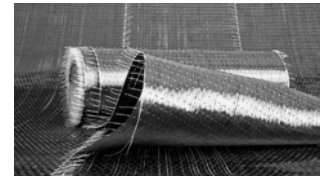
- Improved seismic performance of masonry walls
- Replacing missing steel reinforcement
- Increasing the strength and ductility of columns
- Increasing the loading capacity of structural elements
- Enabling changes in use/alterations and refurbishment
- Correcting structural design and/or construction defects
- Increasing resistance to seismic movement
- Improving service life and durability
- Structural upgrading to comply with current standards

Advantages:

- Manufactured with weft fibers to keep the fabric stable (heat-set)
- Multifunctional fabric for use in many different strengthening applications
- Flexible and accommodating of different surface planes and geometry (beams, columns, chimneys, piles, walls, soffits, silos, etc.)
- Available in different widths for optimum utilization
- Low density for minimal additional weight
- Extremely cost effective in comparison to traditional strengthening techniques

Shelf Life:

Unlimited if stored properly



DPWH Pay Item Listed Reference

Sika® CarboDur®

Heavy-Duty CFRP Strengthening System

Heavy-duty CFRP strengthening system for reinforced concrete, masonry, stonework, steel, aluminum and timber.

Sika® CarboDur® CFRP externally bonded or near surface mounted plates, rods and strings; Complies to DPWH Item-416 & ACI 440.2R

Product Range:

Externally bonded plate

	Dimension	Packaging
Sika®CarboDur® S1012	100 mm x 1.2mm	100m/roll
Sika®CarboDur® S0512	50 mm x 1.2mm	100m/roll

Near surface mounted range

CFRP Plate	Dimension	Packaging
Sika®CarboDur® S212	20 mm x 1.2mm	100m/roll

CFRP Rod	Dimension	Packaging
Sika®CarboDur® BC 10 Rod	10 mm Ø	100m/roll

Uses:

To strengthen structures for:

- Loading increase
- Increasing the live loads
- Increased traffic loads
- Installation of heavy machinery in industrial buildings
- Changes of building utilization

Damage to structural parts:

- Ageing of construction material
- Steel reinforcement corrosion
- Vehicle impact
- Fire
- Earthquakes

Serviceability improvement:

- Decrease of deformation
- Stress reduction in steel reinforcement
- Crack with reduction

Change in structural system:

- Removal of walls or columns
- Removal of slab sections for openings

Change of specifications:

- Earthquakes
- Adjustment to changed design philosophy

Design or construction defects:

- Insufficient reinforcement
- Insufficient structural depth

Advantages:

- Low in weight
- Available in any length, no joints required
- Low overall thickness
- Easy to transport (rolls)
- Laminate intersections are simple
- Economical application -no heavy handling and installation equipment
- Very high strength
- Available in various moduli of elasticity
- Outstanding fatigue resistance
- No corrosion
- Clean edges without exposed fibers
- General construction approval in many countries

Shelf Life:

Unlimited if stored properly



DPWH Pay Item Listed Reference



SikaWrap® FX-50 C

Carbon Fiber String for Structural Connection and Anchoring of SikaWrap® Strengthening System

SikaWrap® FX-50 C is a unidirectional carbon fiber string, encased in a plastic envelope, that serves as fiber connector for the anchorage of SikaWrap fabrics

Packaging:
25 m/roll

Uses:

- Anchoring SikaWrap® carbon and glass fiber fabrics on concrete or masonry
- Connecting SikaWrap® carbon or glass fiber fabrics through concrete or masonry structures
- Flexible near surface mounted strengthening (NSM)

Advantages:

- Carbon fiber, corrosion resistant, durable
- Multifunctional use
- Easy to install

Shelf Life:

Unlimited if stored properly



DPWH Pay Item Listed Reference

Sikadur® -30

Adhesive for Bonding Reinforcement

Sikadur®-30 is a thixotropic, structural two-part adhesive, based on a combination of epoxy resins and special filler, designed for use at normal temperatures between +8°C and +35°C

Packaging: 6 Kg/set
Shelf Life: 24 months

Uses:

Adhesive for bonding structural reinforcement, particularly in structural strengthening works. Including:

- Sikadur®CarboDur® Plates to concrete, brickwork and timber
- Steel plates to concrete

Advantages:

- Easy to mix and apply
- No primer needed
- High creep resistance under permanent load
- Very good adhesion to concrete, masonry, stonework, steel, cast iron, aluminum, timber and Sika® CarboDur® Plates
- Hardening is not affected by humidity
- High strength adhesive
- Thixotropic: non-sag in vertical and overhead applications
- Hardens without shrinkage
- Different colored components (for mixing control)
- High initial and ultimate mechanical resistance
- High abrasion and shock resistance
- Impermeable to liquids and water vapour



DPWH Pay Item Listed Reference

Sikadur®-330

2-part Epoxy Impregnation Resin

Sikadur®-330 is a two-part, thixotropic epoxy based impregnating resin/adhesive

Packaging:
5 Kg/set
4 Kg/set

Uses:

- Impregnation resin for SikaWrap® fabric reinforcement for the dry application method
- Primer resin for the wet application system

Advantages:

- Easy mix and application by trowel and impregnation roller
- Manufactured for manual saturation methods
- Excellent application behaviour to vertical and overhead surfaces
- Good adhesion to many substrates
- High mechanical properties
- No separate primer required

Shelf Life:
24 months



DPWH Pay Item Listed Reference

Sikadur®-300

2-part Epoxy Impregnation Resin

Sikadur®-300 is a two-part, epoxy based impregnating resin

Packaging:
30 Kg/set

Uses:

- Impregnating resin for SikaWrap® fabric reinforcement for the wet application method
- Primer resin for the wet application system

Advantages:

- Easy mix and application by trowel and impregnation roller
- Manufactured for manual or mechanical saturation methods
- Good adhesion to many substrates
- High mechanical properties
- Extra long pot life

Shelf Life:
24 months



DPWH Pay Item Listed Reference

WATERPROOFING

Solutions used for below and above-grade waterproofing: flexible membrane systems, liquid applied membranes, waterproofing admixtures, joint waterproofing, waterproofing mortars and injection grouts.

Sikadur®-752

Low Viscosity Epoxy Resin Injection

A solvent free, 2-component super low viscosity liquid, based on high strength epoxy resins

Complies with ASTM C881-78 Type I Grade 1, Class B & C

Packaging:
5 Kg set

Uses:

To fill and seal the cavities and cracks in structural concrete such as columns, beams, foundation, decks and water-retaining structures

Advantages:

- Tenacious crack sealing grout
- Super-low viscosity
- Suitable in both, dry and damp conditions
- High mechanical and adhesive strength
- Hard, but not brittle
- No shrinkage

Shelf Life:
24 months



DPWH Pay Item Listed Reference

Sika® Injection-201 CE

Elastic Pur-Injection Resin for Permanent Watertight Sealing

Sika® Injection-201 CE is a very low viscous, elastic and solvent-free polyurethane injection resin. In contact with water, a uniform, closed and therefore watertight pore structure forms, which is elastic and flexible

Packaging:
20.6 Kg/set

Uses:

- Sika® Injection-201 CE is used for permanent watertight sealing with some flexibility to absorb limited movement, in dry, damp or water-bearing cracks and joints in concrete, brickwork and natural stone
- Sika® Injection-201 CE can be used for the injection of the SikaFuko®-System (non re-injectable)
- For use in water-bearing cracks under hydrostatic pressure, preliminary injection shall be made with Sika® Injection-101 RC

Advantages:

- Permanently elastic, can absorb limited movements
- No shrinkage in subsequent dry conditions
- Due to its low viscosity it can penetrate into cracks >0.2 mm in width
- Cured Sika® Injection-201 CE is inert and chemically resistant
- Solvent-free
- Can be injected as a one component system

Shelf Life:
36 months



Sika® Waterbar

Flexible PVC Water Stop

Sika® Waterbar are constructed from flexible thermoplastic PVC. They are designed to stop the migration of water through construction and expansion joints in concrete structures. Sika® Waterbar are available in various sizes and profiles to suit all types of application



Profiles:

Construction Joints
V-25, V-20, V-15, AR-25

Expansion Joints
O-25, O-20, O-15

Packaging:
20 m/roll

Uses:

For the effective sealing of concrete construction and expansion joints in structures such as:

- Basement
- Water reservoirs
- Sewage treatment plants
- Swimming pools
- Retaining walls
- Lift shafts
- Tunnels, culverts
- Service pits

Advantages:

- Sealing starts as soon as the concrete has hardened
- Multi-rib profile provides impenetrable barriers to water migration
- Can be easily site welded
- Good chemical resistance

Shelf Life:
Unlimited if stored properly

Hydrotite CJ-0725-3K

A Hydrophilic Swellable Rubber Combination Material for Sealing Site Formed Concrete Joints

Packaging:
4 x 10 m rolls/box

Uses:

Seal joints between precast concrete units, steel, and other materials.

Advantages:

- Expansion delay coating preserve it from influence of water from freshly poured concrete
- Bi-directional swelling mechanism (top and bottom)
- Expands itself as it absorbs water and fills up concrete
- Joint gaps NSF 61 certified

Shelf Life:

Unlimited if stored properly



Sikalite®

Powdered Waterproofing Admixture for Mortar

Sikalite® is a powdered waterproofing admixture, which blocks the capillaries and pores in concrete, cement and mortars preventing the movement of moisture

Packaging:
800 g/plastic bag (25 pieces/box)

Uses:

- Walls
- Facades
- Floor toppings
- Jointing mortars

Advantages:

- Easy to use
- Economical
- Watertight, but vapor permeable
- Chloride-free

Shelf Life:

12 months



Sika®-1

Liquid Waterproofing Admixture

Sika®-1 is a normal setting waterproofing admixture for mortar and concrete

Packaging:
210 L/drum
5L/container

Uses:

Sika®-1 is used for waterproofing of mortars and concrete, in particular for:

- Renders, masonry mortars and screeds
- Reinforced and unreinforced concrete
- Brick, concrete and stone substrates
- Indoor and outdoor applications, such as basements, swimming pools, tunnels, water tanks, manholes, culverts
- Use in tropical and hot climate conditions

Advantages:

- Increased impermeability of mortar/concrete
- Chloride-free
- Easily dispersed
- Ready to use

Shelf Life:

24 months



SikaTop® -109 Seal PH

Flexible Cementitious Waterproofing

SikaTop-109 Seal PH is a dual-component flexible cementitious mortar used for the protection and waterproofing of rendered concrete and masonry

Packaging:
25 Kg/set

Uses:

- Potable water reservoirs (covered)
- Tanks and cisterns (covered)
- Shaft linings and lift shafts (covered)
- Walls, floors and toilets & baths
- Carparks, roof decks (with concrete topping)

Advantages:

- Resistant to micro cracking up to 2mm
- Flexible and watertight
- Non toxic

Shelf Life:

12 months

NEW!



SikaTop® Seal-107

Semi-Flexible Protective and Waterproofing Slurry

Two-component, pre-dosed, ready-to-use waterproofing slurry based on resin modified cementitious material

Packaging:
25 Kg/set

Uses:

SikaTop® Seal-107 is used for external and internal waterproofing, crack sealing on concrete, mortar, brickwork in:

- | | |
|-----------------------|-------------------|
| ■ Toilet & Bath | ■ Bridges |
| ■ Basements | ■ Retaining walls |
| ■ Swimming pools | ■ Sea walls |
| ■ Water tanks | ■ Canopies |
| ■ Flat roofs | ■ Cistern tanks |
| ■ Balconies, terraces | ■ Tunnels, etc. |

Advantages:

- Uniform membrane integrity due to high solid content
- Certified for use in potable water tanks
- Pre-dosed, easy to mix and use
- Semi-flexible
- Impermeable
- Excellent adhesion on sound substrate
- No drying or shrinkage cracks

Shelf Life:

12 months



Davco K11 Superflex

2 Component Flexible Hydraulic Micro-Mortar

DAVCO K11 SUPERFLEX is a two-component flexible hydraulic micro-mortar for the protection and waterproofing of masonry and concrete structures.

Packaging:

34 kg Set
 Part A: 23 kg Powder
 Part B: 10L Bonding Agent

Shelf Life:
 12 months

Uses:

Waterproofing:

- Reservoirs, water towers, engineering structures, retention tanks, etc.,
- Under-tile sealant for swimming pools (bonded with DAVCO Dustless Heavy Duty or DAVCO Dustless Premium), Under-tile or mortar-covering sealant for balconies, and terraces (except terrace roofs)
- Lift shaft basements, car parks, underground premises, etc.
- Under-tile sealant for damp premises

Protection against:

- Weathering (engineering structures, silos, concrete, domes etc.)
- Harmful water (underground tanks, water treatment stations, industrial discharge, etc.)
- Please contact us regarding the compatibility of coverings with contact products

Advantages:

- Flexible hydraulic micro-mortar
- Excellent resistance to sea water & sulphated water
- Resistance to UV and micro cracking up to 4mm



Davco K11 Rapid Plug

Instant-Setting Hydraulic Mortar

DAVCO K11 RAPID PLUG is an ultra - fast setting hydraulic mortar that puts a stop to leaks by hardening within 45 - 90 seconds while increasing in volume. It offers long term protection against water leakage on the plugged area.



Packaging: 5Kg pail
Shelf Life: 12 months

Uses:

Interior and Exterior, Water tanks, reservoirs, gutters, Toilets, swimming pools, Underground structures, Floor - wall joints, Sealing of injectors and drains

Advantages:

- For interior and exterior use
- Ultra fast setting, hardens in 45 to 90 seconds

Davco K11 Concentrate

Thin Coat Waterproofing Mortar

Davco K11 CONCENTRATE is a ready-to-wet single-component waterproofing system. The material creates a strong and lasting waterproofed layer against dampness, ground water and hydrostatic pressure.



Packaging: 25 kg bag
Shelf Life: 12 Months

Uses:

For application on interior and exterior surfaces, against concrete decay and waterborne corrosive salts. For application to structural slabs against hydrostatic pressure, mostly for basements.

Advantages:

- For interior and exterior use
- Excellent bonding on concrete after immersion
- Non-toxic
- Direct application on masonry

Davco K11 Slurry

2 Component Crystallization Cementitious Mortar

DAVCO K11 SLURRY is a two-component alkali-reactive (crystallization process) waterproofing system that forms a membrane capable to withstand hydrostatic pressure.

Packaging:

34 kg Set
 Part A: 25 kg Powder
 Part B: 9kg Bonding Agent

Shelf Life:
 12 months

Uses:

- For application on interior and exterior below grade surfaces against concrete decay and waterborne corrosive salts
- For application in between horizontal structural slabs and toppings against hydrostatic pressure
- Seals and protects masonry walls against algae or fungus growth caused by atmospheric pollutants and moisture
- To form waterproofed underlayments for vinyl and carpet
- Waterproof external walls against water seepage
- Waterproofing of surfaces before laying marbles or ceramic tiles to help prevent efflorescence
- Surface treatment to prevent absorption of concrete and autoclaved lightweight concrete (ALC) blocks
- Suitable substrates: Concrete, brickwork, precast surface, lightweight books, etc.
- Potable water, reservoir, tanks and cisterns

Advantages:

- For interior and exterior use (below grade applications)
- High resistance to positive and negative pressure
- Non-toxic



Davco K11 Matryx

Cementitious Waterproofing System For Protection Of Concrete Structures By Crystallization

DAVCO K11 MATRYX is a cementitious waterproofing system which protects and waterproofs concrete structures by crystallization. The active chemicals react with moisture in the concrete resulting in crystalline formulation within the pores and capillary tracts and concrete, thus waterproofing the structure against penetration of water and other liquids from any direction. It gives a strong and lasting waterproofing against dampness and ground hydrostatic pressure.

Packaging:
25kg Pail

Shelf Life:
12 months

Uses:

Recommended for use on interior and exterior below grade surfaces. DAVCO K11 MATRYX gives protection against concrete decay and waterborne corrosive salts and can be used for negative waterproofing of concrete structure and on horizontal structural slabs against hydrostatic pressure as it provides strong resistance to impact abrasion.

Advantages:

- Easy to apply
- For interior and exterior below grade surfaces
- Can be used for positive & negative waterproofing
- Provides strong resistance to impact and abrasion



SikaProof® Membrane

Water Based Bitumen Modified Waterproofing

Sikaproof membrane is a 1-component, water-based, bitumen polymer modified waterproofing, cold applied liquid membrane

Packaging:
18 Kg/pail

Shelf Life:
12 months



Uses:

- Below grade waterproofing of concrete and masonry surfaces
- Flat roofs
- Balconies
- Basements, etc.

Advantages:

- Single component, ready to use
- Easily applied by spray roller or brush
- Fast-curing to a durable, flexible consistency
- Excellent adhesive and elongation properties
- Designed for use on new and existing structures
- Contains no solvent

SikaCoat Plus

Multipurpose Highly Flexible Acrylic Based, Alkali-Resistant Liquid Applied Membrane

One-component, multipurpose, highly flexible acrylic-based, alkali resistant liquid applied membrane. It can be applied on parapet wall, external wall, etc

Packaging:
20 Kg/pail

Shelf Life:
12 months



Uses:

- New plastering
- Finishing
- Sealing joint, laps and roofing screws on various kind of roofing (roof tile, asbestos, zinc)
- Parapet walls

Advantages:

- Alkali resistance
- Reduce construction time
- Easy application
- High elasticity
- Excellent UV stability
- Impermeable
- Crack-bridging ability
- Low consumption

Sikalastic®-110

High Elasticity, 1-part PolyurethaneBituminous Waterproofing Coating

Sikalastic®-110 is a water-based 1-part modified polyurethane/bituminous coating, formulated to form a highly elastic, seamless and crack bridging membrane

Packaging:
20 Kg/pail

Shelf Life:
12 months

Uses:

Due to its high elasticity, Sikalastic®-110 can be applied on different structures including those subject to thermal movement and vibration such as:

- Concealed RC flat roof
- Hydraulic structures like swimming pools, water features
- External walls to be buried below ground
- Waterproofing coating under tiled areas like podium, bathrooms and balconies

Advantages:

- Easy application by roller, brush or sprayed, even onto vertical walls and ceiling
- High elasticity
- High crack-bridging capability
- Optimum adhesion onto concrete
- Can be applied directly on damp surface
- Non-toxic
- Low VOC and Eco-friendly



Sikalastic®-590

Liquid Applied Roof Waterproofing with Improved Ponding Water Capability

Sikalastic®-590 is a one component polyurethane-acrylic dispersion with improved water ponding resistance/ excellent UV resistance, good crack-bridging capacity and great aesthetics. For manual / spray application, Sikalastic®-590 can be applied as coating or a reinforced liquid applied membrane with Sikalastic® Fleece



Packaging:
20 Kg/pail

Uses:

- For waterproofing solutions in both new construction and refurbishment projects
- For roofs with many details and complex geometry when accessibility is limited
- For cost-efficient life cycle extension of failing roofs
- For reflective coating to enhance energy efficiency by reducing cooling costs (Sikalastic®-590 White)

Advantages:

- Good behavior under limited water ponding
- UV resistant and resistant to yellowing and weathering
- Highly elastic and crack-bridging
- Non-toxic and VOC compliant water-based coating
- One-component - ready to use
- Excellent adhesion on porous and non-porous substrates
- Seamless waterproofing membrane
- Water vapour permeable

Shelf Life:
12 months

Sikalastic-870BT

Spray Applied Polyurea Membrane

Sikalastic -870 BT is a two part, elastic, 100% solids, very fast curing Polyurea spray applied membrane where exposure to high acidic and alkaline chemical concentrations are present. Sikalastic -870 BT is for machine application only.



Packaging:

Part A: 200.0 kg drum
Part B: 175.0 kg drum
Part C: 15.0 kg can

Uses:

For waterproofing applications on steel and concrete. Typical uses on:

- Primary and secondary containments
- Waste water treatment plants
- Fertilizer plants and transportation
- Mines and mining processes
- Ballast tanks
- Silage tanks and troughs
- Sludge digesters

Advantages:

- High acidic and alkaline chemical resistance
- High resistance to microbial waste
- Fast reactivity and cure time
- Almost immediate return to service time
- Applicable in temperature from -15°C to 70°C
- Performs in constant temperatures from -30°C to 60°C
- 100% solids
- Crack-bridging properties

Shelf Life

Part A: 6 months
Part B: 12 months
Part C: 12 months

Sikalastic®-632 R

Liquid Applied, Rapid-Cure, 1-Component Polyurethane Roof Waterproofing Membrane

Sikalastic®-632 R is a rapid cure, one component, moisture-triggered, pure polyurethane, liquid applied membrane based on unique i-Cure® technology



Packaging:
21 kg pails

Uses:

- Exposed or concealed waterproofing membrane on flat or pitched roofs both for new construction and refurbishment of old roofs.
- For concealed application

Advantages:

- 1 component pure polyurethane
- 1 material for horizontal / vertical areas
- 1 hour early rain resistant
- UV resistant
- High solid content
- Root penetration resistant

Shelf Life:
6 months

Davco K10 GRS 2000

Root Resistant Waterproofing Membrane

DAVCO K10 GRS 2000 is a root-resistant polyurethane elastomeric waterproofing membrane. This liquid-applied product prevents vegetation from perforating the waterproofing ensuring the protection of the substrate.



Packaging:
20kg bag

Advantages:

- Easy to apply
- Excellent tensile strength
- Protects against root penetration
- Seamless
- Remains effective under extreme weather conditions

Uses:

- All types of roofs, balconies and decks
- Retaining walls and basements
- Waterproofing and planter boxes
- Eliminates soldering of cracked non-ferrous roof valleys and flashings
- For Exposed Application

Shelf Life
12 months

ROOFING

Single-ply and built-up flat roofing systems incorporating both flexible sheet and liquid applied membranes as well as thermal insulation and various roofing accessories

SikaProof® Membrane

Water Based Bitumen Modified Waterproofing

Sikaproof membrane is a 1-component, water-based, bitumen polymer modified waterproofing, cold applied liquid membrane

Packaging:
18 Kg/pail

Shelf Life:
12 months



Uses:

- Below grade waterproofing of concrete and masonry surfaces
- Flat roofs
- Balconies
- Basements, etc.

Advantages:

- Single component, ready to use
- Easily applied by spray roller or brush
- Fast-curing to a durable, flexible consistency
- Excellent adhesive and elongation properties
- Designed for use on new and existing structures
- Contains no solvent

SikaCoat Plus

Multipurpose Highly Flexible Acrylic Based, Alkali-Resistant Liquid Applied Membrane

One-component, multipurpose, highly flexible acrylic-based, alkali resistant liquid applied membrane. It can be applied on parapet wall, external wall, etc

Packaging:
20 Kg/pail

Shelf Life:
12 months



Uses:

- New plastering
- Finishing
- Sealing joint, laps and roofing screws on various kind of roofing (roof tile, asbestos, zinc)
- Parapet walls

Advantages:

- Alkali resistance
- Reduce construction time
- Easy application
- High elasticity
- Excellent UV stability
- Impermeable
- Crack-bridging ability
- Low consumption

Sikalastic®-110

High Elasticity, 1-part Polyurethane Bituminous Waterproofing Coating

Sikalastic®-110 is a water-based 1-part modified polyurethane/bituminous coating, formulated to form a highly elastic, seamless and crack bridging membrane

Packaging:
20 Kg/pail

Shelf Life:
12 months



Uses:

Due to its high elasticity, Sikalastic®-110 can be applied on different structures including those subject to thermal movement and vibration such as:

- Concealed RC flat roof
- Hydraulic structures like swimming pools, water features
- External walls to be buried below ground
- Waterproofing coating under tiled areas like podium, bathrooms and balconies

Advantages:

- Easy application by roller, brush or sprayed, even onto vertical walls and ceiling
- High elasticity
- High crack-bridging capability
- Optimum adhesion onto concrete
- Can be applied directly on damp surface
- Non-toxic
- Low VOC and Eco-friendly

Sikalastic®-590

Liquid Applied Roof Waterproofing with Improved Ponding Water Capability

Sikalastic®-590 is a one component polyurethane-acrylic dispersion with improved water ponding resistance/ excellent UV resistance, good crack-bridging capacity and great aesthetics.

For manual / spray application, Sikalastic®-590 can be applied as coating or a reinforced liquid applied membrane with Sikalastic® Fleece

Packaging:
20 Kg/pail

Shelf Life:
12 months



Uses:

- For waterproofing solutions in both new construction and refurbishment projects
- For roofs with many details and complex geometry when accessibility is limited
- For cost-efficient life cycle extension of failing roofs
- For reflective coating to enhance energy efficiency by reducing cooling costs (Sikalastic®-590 White)

Advantages:

- Good behavior under limited water ponding
- UV resistant and resistant to yellowing and weathering
- Highly elastic and crack-bridging
- Non-toxic and VOC compliant water-based coating
- One-component - ready to use
- Excellent adhesion on porous and non-porous substrates
- Seamless waterproofing membrane
- Water vapour permeable

Sikalastic-870BT

Spray Applied Polyurea Membrane

Sikalastic -870 BT is a two part, elastic, 100% solids, very fast curing Polyurea spray applied membrane where exposure to high acidic and alkaline chemical concentrations are present. Sikalastic -870 BT is for machine application only.

Packaging:

Part A: 200.0 kg drum
Part B: 175.0 kg drum
Part C: 15.0 kg can

Shelf Life

Part A: 6 months
Part B: 12 months
Part C: 12 months

Uses:

For waterproofing applications on steel and concrete.
Typical uses on:

- Primary and secondary containments
- Waste water treatment plants
- Fertilizer plants and transportation
- Mines and mining processes
- Ballast tanks
- Silage tanks and troughs

Advantages:

- High acidic and alkaline chemical resistance
- High resistance to microbial waste
- Fast reactivity and cure time
- Almost immediate return to service time
- Applicable in temperature from -15°C to 70°C
- Performs in constant temperatures from -30°C to 60°C
- 100% solids
- Crack-bridging properties



Sikalastic®-632 R

Liquid Applied, Rapid-Cure, 1-Component Polyurethane Roof Waterproofing Membrane

Sikalastic®-632 R is a rapid cure, one component, moisture-triggered, pure polyurethane, liquid applied membrane based on unique i-Cure® technology

Packaging:

21 kg pails



Uses:

- Exposed or concealed waterproofing membrane on flat or pitched roofs both for new construction and refurbishment of old roofs.
- For concealed application

Advantages:

- 1 component pure polyurethane
- 1 material for horizontal / vertical areas
- 1 hour early rain resistant
- UV resistant
- High solid content
- Root penetration resistant

Shelf Life:

6 months

Davco K10 GRS 2000

Root Resistant Waterproofing Membrane

DAVCO K10 GRS 2000 is a root-resistant polyurethane elastomeric waterproofing membrane. This liquid-applied product prevents vegetation from perforating the waterproofing ensuring the protection of the substrate.

Packaging:

20kg bag



Advantages:

- Easy to apply
- Excellent tensile strength
- Protects against root penetration
- Seamless
- Remains effective under extreme weather conditions

Uses:

- All types of roofs, balconies and decks
- Retaining walls and basements
- Waterproofing and planter boxes
- Eliminates soldering of cracked non-ferrous roof valleys and flashings
- For Exposed Application

Shelf Life

12 months

Bitumen Impregnated Board 35%

Expansion Joint Filler

Designed as a low cost, pre-formed, high performing expansion joint filler board for concrete joints

Packaging:

Thickness	Width	Length
12 mm, 19 mm	4' (1.22 m)	7' (2.13 m)

Uses:

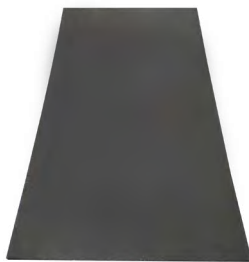
- Installed against existing concrete at columns and against adjacent structures or flat work before the placement of the subsequent concrete
- For floors, paving, and runaways it is installed ½ below the elevation of the concrete surface when the joint is to be filled later to the surface elevation with a proper sealant

Advantages:

- Withstand repeated cycles of expansion and compression without extruding
- Recovery to min. 75% thickness after compression
- Virtually unaffected by temperature changes
- Low moisture absorption
- Durable and easy to handle

Shelf Life:

Unlimited if stored properly



SikaBit W-15

Wet-Applied, Modified Bitumen Waterproofing Membrane

SikaBit W-15 is a double-sided modified bitumen waterproofing membrane for wet application. It consists of a cross-laminated PE film and two modified bitumen layers covered with transparent release liners

Packaging:

1m x 20m/roll

Shelf Life:

12 months

Uses:

SikaBit W-15 is designed for non-exposed waterproofing application such as:

- Foundations
- Basement slabs and walls
- Podium slabs

Advantages:

- | | |
|--|-----------------------------------|
| ■ Safe, easy and fast installation | ■ Zero water underflow |
| ■ No need for special equipment | ■ Crack-bridging ability |
| ■ Direct application on wet substrate | ■ High tear resistance |
| ■ Excellent initial and long term adhesion | ■ High puncture resistance |
| ■ Full surface bonding | ■ Resistant to chemical corrosion |



SikaBit® PRO P-30-5 Sand / SikaBit® PRO P-40-5 Sand / SikaBit® PRO P-40 G-5 MG

Plastomeric Modified Bituminous Waterproofing Membrane

SikaBit® PRO P-30-5 Sand / SikaBit® PRO P-40-5 Sand / SikaBit® PRO P-40 G-5 MG is an APP modified, bituminous, torch-applied, waterproofing membrane. It is reinforced with a dimensionally stable non-woven polyester inlay. The underside has a thin polyethylene burn-off film for easy application. It can be applied to wood, metal and concrete substrates including over existing bitumen roofing membranes.

Top surface finish: Sand (P-30-5 / P-40-5) / Mineral Granules (P-40 G-5 MG)

Packaging:

	Thickness	Packaging	Shelf Life:
P-30-5	3mm	1 x 10m /Roll	12 months
P-40-5	4mm	1 x 10m /Roll	

	Weight	Packaging
P-40 G-5 MG	4 kg/m ²	1 x 10m /Roll

Uses:

Waterproofing membrane for:

- Damp proofing of the exterior walls of basements against percolating water and damp soil
- Flat roofs under protective layers or ballast
- Balconies and terraces under tiles
- Wet areas
- Protection of various substrates in a wide range of applications

Advantages:

- Good watertightness
- Good elongation and cold flexibility
- Good mechanical properties (tensile, tear, shear)
- Good resistance to impact
- Easy to install by torching method
- Choice of primers to suit substrate and weath conditions



Sikalastic® Fleece

Polyester Fleece for Use with Sikalastic® Liquid Applied Membrane Systems

Sikalastic® Fleece is used as reinforcement with the liquid applied waterproofing coatings such as Sikalastic®-590 for detailing and installations requiring full or partial reinforcement

Packaging:

50 sqm/roll

Shelf Life:

Unlimited if stored properly

Uses:

- Reinforcement for Sikalastic® Systems
- For new construction and refurbishment projects
- For roofs with many details and complex geometry even when accessibility is limited

Advantages:

- Ensures the correct thickness of the base coat
- Enhance the crack-bridging properties of the system
- Enhance mechanical properties of the system



Sarnafil G410 Felt / Non-Felt PVC Membrane

Polymeric Detailing Membrane For Roof Waterproofing

Sarnafil® G 410 L is a multi-layer, synthetic roof waterproofing detailing membrane based on premium-quality polyvinyl chloride (PVC) with an inlay of glass non-woven.

It has a unique lacquer coating applied to the top of the membrane to reduce staining from airborne dirt and pollutants.

Packaging:

- 1.2 mm 25.0m (approx. 82 kg per roll)
- 1.5 mm 20.0m (approx. 78 kg per roll)
- 2.0 mm 15.0m (approx. 81 kg per roll)

Uses:

Waterproofing detailing membrane for:

- Exposed flat roofs (Sarnafil® S 327 L or Sarnafil® G 410 L Felt)
- Concealed flat roofs (Sarnafil® G 476)

Advantages:

- Outstanding resistance to weathering, including permanent UV irradiation
- Excellent weld ability
- Excellent flexibility in cold temperatures
- Excellent dimensional stability
- High water vapour permeability
- High solar reflectance (in case of white color top layer)
- Available in various colors
- Reduced dirt pick-up due to lacquer coating
- Recyclable

Shelf Life

Product does not expire if correctly stored.



Sarnafil S327 PVC Membrane

Polymeric membrane for roof waterproofing

Sarnafil® S 327 L is a polyester reinforced, multi-layer, synthetic roof waterproofing membrane based on premium-quality polyvinyl chloride (PVC).

It has a unique lacquer coating applied to the top of the membrane to reduce staining from airborne dirt and pollutants.

Packaging:

- 1.2 mm 25.0m (approx. 82 kg per roll)
- 1.5 mm 20.0m (approx. 78 kg per roll)
- 2.0 mm 15.0m (approx. 81 kg per roll)

Uses:

Waterproofing membrane for:

- Mechanically fastened, exposed flat roofs

Advantages:

- Outstanding resistance to weathering, including permanent UV irradiation
- Excellent weld ability
- Excellent flexibility in cold temperatures
- High dimensional stability
- High tensile and tear strength
- High resistance to mechanical impact
- High water vapour permeability
- High solar reflectance (in case of white color top layer)
- Available in various colors
- Reduced dirt pick-up due to lacquer coating
- Recyclable

Shelf Life

Product does not expire if correctly stored.



Sarnafil G476 PVC Membrane

Polymeric sheet for roof waterproofing

Sarnafil® G 476-15 is a glass fibre reinforced, multi-layer, synthetic waterproofing sheet based on premium-quality polyvinyl chloride (PVC). The upper red signal layer makes it easy to identify and inspect during and after installation

Uses:

Waterproofing membrane for:

- Loosely laid applications
- Planted roofs
- Detailing

Packaging:

- Length : 25 m
- Width : 2.0 m
- Thickness : 1.5 mm
- Mass per unit area : 1.84 kg/m²

- Tensile strength, Longitudinal (MD) : ≥ 10N/mm²
- Transversal (CMD) : ≥ 10N/mm²

- Elongation, Longitudinal (MD) : ≥ 180 %
- Transversal (CMD) : ≥ 180 %

- Foldability at low temperature : -25 °C
- Dimension stability : ≤ 0.2%



SEALING & BONDING

High-performing and durable sealants, tapes, spray foams and specialty solutions (e.g., fire-rated sealants) for building envelopes & interior finishing.

Sikaflex® Construction

Sealant for Building Joints

Sikaflex® Construction is a one-component, moisture-curing, elastic joint sealant based on polyurethane

Packaging:
600 ml sausage (20 pieces per box)

Color:
Concrete Grey & White

Uses:
Designed for movement and connection joints on porous substrates as well as indoor and outdoor sealing applications.

Advantages:

- One-component, ready to use
- Fast-curing
- Non-sag
- Can be overpainted (over paintability test must be conducted)
- Bubble-free curing

Movement Capability:
±25% (ISO 9047)

Shelf Life:
12 months



SikaHyflex-250 Facade

High-Performance Joint Sealant for Concrete, Masonry and EIFS Facade

SikaHyflex-250 Facade is a one-component, moisture-curing, low modulus elastic joint sealant

Packaging:
600 ml sausage (20 pieces per box)

Color:
Concrete Grey

Uses:
Designed for the elastic joint sealing and waterproofing of movement and connection joints in building envelopes. Suitable for EIFS facades.

Advantages:

- High movement capability
- Very good weathering resistance
- Low stress to the substrate
- Solvent-free
- Bubble-free curing
- Very low emissions
- Good adhesion to many different substrates
- Can be overpainted (over paintability test must be conducted)

Movement Capability:
+100%/-50% (ASTM C719)

Shelf Life:
15 months



Sikaflex® PRO-3

High Performance Sealant for Trafficable and Specialty Joints

Sikaflex® PRO-3 is a one-component, moisture curing, elastic joint sealant with high mechanical and chemical resistance

Packaging:
600 ml sausage (20 pieces per box)

Color: Concrete Grey **Movement Capability:** ±35% (ASTM C 719) **Shelf Life:** 15 months

Uses:

- Movement and connection joints in floors
- Pedestrian and traffic areas (e.g. parking decks, car parks)
- Warehouses and production areas
- Applications in the food industry
- Joints in waste water and sewage treatment plants
- Floor joints in tunnel construction
- Applications in cleanrooms

Advantages:

- High movement capability
- Very high mechanical and chemical resistance
- Bubble-free curing
- Solvent-free
- Water resistant
- Diesel and jet fuel resistant
- Very low emission
- Good adhesion to most construction materials
- Can be overpainted (over paintability test must be conducted)



Sika® Boom AP

High Yield Expanding Foam

Uses:

- Used for fixing, insulating and filling connection joints around window and door frames, pipe entries around air conditioning vent and roller blind housing, etc.
- Used to insulate against sound, cold, draughts, etc.

Advantages:

- Multi-positioning foam. Can be applied in all positions (360°)
- High expansion rate
- Fast-curing
- Easy application with nozzle
- Very good thermal and sound insulation
- HFC-free
- Can be cut, sanded and overpainted (over paintability test must be conducted)

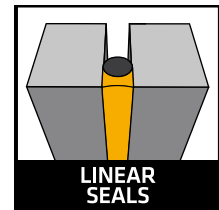
Packaging:
500 ml, 750 ml (12 pieces per box)

Color:
Light yellow

Shelf Life:
18 months

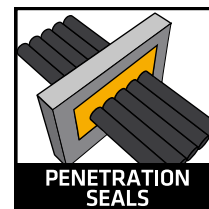




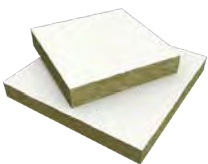

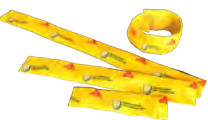

PRODUCTS FOR LINEAR SEALS



Product	Description	Typical uses	Main advantages
	Sikasil®-670 Fire Neutral cure, fire resistant silicone sealant	<ul style="list-style-type: none"> ■ Static and elastic floor- and wall joints ■ Indoor and outdoor use 	<ul style="list-style-type: none"> ■ Compensates \pm 25% movement also in case of fire (tested acc. EN 1366-4) ■ For wall joints – horizontal and vertical ■ For floor joints ■ Can be used on various substrates
	Sikacryl®-621 Fire Phthalate-free, fire resistant acrylic sealant	<ul style="list-style-type: none"> ■ Static floor and wall joints ■ Indoor use 	<ul style="list-style-type: none"> ■ Easy to use, easy to clean ■ System component used in conjunction with many products for penetration seals
	Sikacryl®-620 Fire Fire resistant acrylic sealant	<ul style="list-style-type: none"> ■ Static floor and wall joints ■ Indoor use 	<ul style="list-style-type: none"> ■ Easy to use, easy to clean
	Sikaflex®-400 Fire Fire resistant PU sealant	<ul style="list-style-type: none"> ■ Static floor and wall joints ■ Indoor and outdoor use 	<ul style="list-style-type: none"> ■ For wall and floor joints ■ Suitable for hot / humid climatic conditions
	Sika® Backer Rod Fire Mineral wool based, non-combustible, fire resistant backer rod used in combination with SikaHyflex®-250 Facade, Sikaflex® AT Connection or Sikaflex® PRO-3	<ul style="list-style-type: none"> ■ Static floor and wall joints ■ Indoor and outdoor use 	<ul style="list-style-type: none"> ■ For wall joints – horizontal and vertical ■ For floor joints ■ Outstanding fire resistance even in single seal configuration
	Sika Boom®-400 Fire Fire resistant expansion foam	<ul style="list-style-type: none"> ■ Static floor and wall joints ■ Indoor use 	<ul style="list-style-type: none"> ■ Tested for joints up to 45 mm width ■ High volume expansion ■ Easy to apply
	Sikacryl®-624 Fire Fire resistant acrylic sealant/ coating	<ul style="list-style-type: none"> ■ Static and elastic floor- and wall joints ■ Indoor use 	<ul style="list-style-type: none"> ■ Suitable for joint up to 200 mm width ■ Compensates \pm 25% movement also in case of fire (tested acc. EN 1366-4) ■ Very easy to apply by pouring, spraying or brushing

PRODUCTS FOR PENETRATION SEALS



Product	Description	Typical uses	Main advantages
	SikaSeal®-623 Fire Intumescent, fire resistant sealant	<ul style="list-style-type: none"> ■ Combustible pipes, mainly small diameters 	<ul style="list-style-type: none"> ■ Highly intumescent – volume expansion 20 times original size ■ Easy to apply
	Sikacryl®-625 Fire Fire resistant acrylic coating	<ul style="list-style-type: none"> ■ Edge protection and touch-up on SikaSeal®-626 Fire Board 	<ul style="list-style-type: none"> ■ Easy to apply and clean
	SikaSeal®-626 Fire Board Mineral wool based, fire resistant coated board	<ul style="list-style-type: none"> ■ All kind of penetrations in walls and floors; also in combination with other products 	<ul style="list-style-type: none"> ■ Extremely versatile ■ For face-fit and internal fit installations ■ Can be combined with many other products
	SikaSeal®-627 Fire Collar Intumescent, fire resistant pipe collar	<ul style="list-style-type: none"> ■ Combustible pipes in walls and floors; all diameters. ■ Face-fit installation 	<ul style="list-style-type: none"> ■ Highly intumescent – volume expansion 20 times original size ■ Flexible design enables installation in confined spaces ■ Easy to apply – 1 part, 3 fixings for all sizes
	SikaSeal®-628 Fire Wrap Intumescent, fire resistant pipe wrap	<ul style="list-style-type: none"> ■ Combustible pipes in walls and floors; all diameters. ■ Internal-fit installation 	<ul style="list-style-type: none"> ■ Highly intumescent – volume expansion 20 times original size ■ Ready to use, pre-cut strips for most pipe diameters ■ Invisible installation in walls and floors
	SikaSeal®-629 Fire Wrap Intumescent, fire resistant pipe wrap on a roll	<ul style="list-style-type: none"> ■ Combustible pipes in walls and floors, all diameters. ■ Internal-fit installation 	<ul style="list-style-type: none"> ■ Highly intumescent – volume expansion 20 times original size ■ Cut and use direct from roll ■ Invisible installation in walls and floors
	Sikacrete®-630 Fire Load bearing, fire resistant compound	<ul style="list-style-type: none"> ■ All kind of load bearing penetrations in floors 	<ul style="list-style-type: none"> ■ Excellent load bearing properties ■ Self-supporting in floor penetrations up to 1.8 x 1.8 m ■ Fast setting, no loss of volume

SikaBond®-124 Instant Nails

High Strength Multipurpose Adhesive

SikaBond®-124 Instant Nails is a one-part, rigid, construction adhesive with high final strength that bonds most common construction material substrate.

Packaging:
333g

Shelf Life:
12 Months

Uses:

An adhesive to bond most construction components, such as:

- Skirting boards
- Wooden frames
- Battens
- Panels
- Mouldings
- Hard PVC profiles
- Sheet boards
- Metal protection angles

Advantages:

- Easy to apply
- Rapid initial grab after flash off
- Rapid strength gain
- Wide adhesion range

NEW!



Sika® Primer-3 N

Solvent-based Primer for Porous Substrates and Metals

Sika® Primer 3 N is a solvent-based, one-component primer

Packaging:
1 Liter bottle (4 pieces per box)

Color:
Transparent

Uses:

Designed for Sikaflex®, SikaHyflex, and Sikasil® products used on porous substrates (e.g. concrete) and metals

Advantages:

- Easy to apply
- Water repellent
- Short flash-off time

Shelf Life:
9 months



Sika® Backer Rod PH

Polyethylene Foam Backing Rod

Packaging:
200 pieces per pack

Color: White **Shelf Life:** Unlimited if stored properly

Sizes (Rod diameter x length):

- 8mm x 3.5m
- 12mm x 3.5m
- 15mm x 3.5m
- 20mm x 3.5m
- 25mm x 3.5m
- 30mm x 3.5m

Uses:

- Backing material for Sika® sealants to give the sealant the correct thickness
- Acts as bond breaker, permitting the most efficient joint design

Advantages:

- Easy to apply
- Closed cell
- Does not bond to most sealants
- Compatible with cold-applied sealants (PU, silicones)
- Highly flexible and compressible
- Good temperature and water resistance



Sika® MultiSeal AP

Bituminous Sealing Tape

Sika® MultiSeal AP is a self-adhesive, rubber modified bituminous sealing tape laminated with an aluminium foil on the upper side.

Packaging:
3m x 50mm (24 rolls per box)
3m x 100mm (12 rolls per box)

Color:
Matt grey

Uses:

Sika® MultiSeal AP is designed for sealing and repairing applications against water ingress on roofs and any other building element.

Advantages:

- Very easy to apply
- Good adhesion to many substrates
- Weather proof
- Self-adhering
- Compatible with bituminous substrates
- Can be over-painted
- Can be applied at low temperatures



NEW!

Sika® Heavy Duty Gun

2 in 1 gun for sealant application

Packaging:
1 piece per pack

Use:
Use for cartridge and 600ml sausage sealants





FLOORING & COATING

Flooring solutions based on synthetic resin and cementitious systems that meet project requirements for mechanical properties, safety regulation (e.g., slip resistance), chemical or fire resistance, etc.

Sikafloor®-161 HC

Two-Part Epoxy Primer, Levelling Mortar, Intermediate Layer and Mortar Screed

Sikafloor®-161 HC is an economic, two part, solvent free, low viscosity, epoxy resin

Packaging:
10 Kg/set,
20 Kg/set

Uses:

- For priming concrete substrates, cement screeds and epoxy mortars
- For normal to strong absorbent substrates
- Binder for leveling mortars and mortar screeds
- Intermediate layer underneath Sikafloor®-263 SL HC and Sikafloor®-264 HC

Advantages:

- Low viscosity
- Good penetration
- Excellent bond strength
- Solvent-free
- Easy application
- Short waiting time
- Multi-purpose

Shelf Life:
24 months



Sikafloor®-263 SL HC

Two-Part Epoxy Self-Smoothing and Broadcast System

Sikafloor®-263 SL HC is a two-part, economic and multi-purpose binder based on epoxy resin

Packaging:
20 Kg/set

Uses:

- Self-smoothing and broadcast system for concrete and cement screeds with normal up to medium heavy wear (e.g. for storage and assembly halls, maintenance workshops, garages, loading ramps, etc.)
- The broadcast system is recommended for wet process areas, e.g. in beverage industry, food industry, maintenance hangars etc.

Advantages:

- Highly fillable
- Good chemical and mechanical resistance
- Easy application
- Economical
- Liquid proof
- Solvent-free
- Gloss finish
- Slip resistant surface possible

Shelf Life:
24 months



Sikafloor®-264 HC

Two-Part Epoxy Roller and Seal Coat

Sikafloor®-264 HC is a two-part, economic, solvent-free colored epoxy resin

Packaging:
20 Kg/set

Uses:

- Roller coat for concrete and cement screed with normal up to medium heavy wear e.g. storage and assembly halls, maintenance workshops, garages and loading ramps
- Seal coat for broadcast systems

Advantages:

- Good chemical and mechanical resistance
- Easy application
- Economical
- Liquid proof
- Solvent-free
- Gloss finish
- Slip resistant surface possible

Shelf Life:
12 months



Sikafloor Décor White

Epoxy Self Smoothing Decorative Screed

Sikafloor®-263 SL Décor System is a self-smoothing epoxy based 3 mm thick screed. It is composed of Sika-floor 263 SL resin high performances solvent free epoxy resin mixed with selected quartz sand and coloured special Sikafloor® Décor Granules giving an endless combination of decorative finishes.

Packaging:

Component A : 12.30 kg/pail
Component B : 3.20 kg/pail
Component C : 7.80 kg/bag
Component D : 3.10 kg/bag
Total pack size : 26.4 kg per set.

Advantages:

- Decorative with endless finish combination achievable
- Good chemical and mechanical resistance
- Easy application
- Economical
- Solvent-free
- Tight, semi glossy surface
- Matt finish possible

Uses:

Sikafloor®-263 SL Décor may only be used by experienced professionals. For the production of decorative self-smoothing floors on concrete and cement screeds with normal up to medium heavy wear e.g. storage and assembly halls, laboratories, pharmaceutical industry, canteens, offices, shops etc.

Shelf Life:
12 months

Sikafloor®-21 PurCem LP

Medium To Heavy Duty, Self-Smoothing, Polyurethane Hybrid Flooring Screed

Sikafloor®-21 PurCem LP is a three part, water dispersed medium to high strength coloured polyurethane modified, cement and aggregate screed with self smoothing properties.

It has an aesthetic, smooth textured aggregate surface providing medium slip resistance and is typically installed at 3 to 6 mm thickness.

Packaging:

Part A : 3.00 kg plastic drum
 Part B : 3.00 kg plastic jerrycan
 Part C : 14.00 kg plastic lined, double paper bags
 Part A+B+C: 20.00 kg ready to mix units

Shelf Life

Parts A and B: 12 months from date of production.
 Must be protected from frost.
 Part C: 6 months from date of production.
 Must be protected from humidity



Uses:

Sikafloor®-21 PurCem LP may only be used by experienced professionals. Sikafloor®-21 PurCem LP is used as a scratch coat primer, basecoat and wear coat layer in Sikafloor®PurCem system build ups, in areas of medium to heavy loading, high chemical exposure and abrasion, such as in:

- Food processing plants (wet or dry process areas, freezers and coolers)
- Chemical plants
- Laboratories
- Workshops

Advantages:

- Good chemical resistance. Resists a wide range of organic and inorganic acids, alkalis, amines, salts and solvents. Please refer to the Chemical Resistance Chart or consult your local Technical Department
- Similar coefficient of thermal expansion to concrete, allowing movement with the substrate through normal Thermal cycling. It will perform and retain its physical characteristics through a wide temperature range from -5 °C up to +65 °C
- Bond strength in excess of the tensile strength of concrete. Concrete will fail first
- Non tainting / odourless
- VOC free
- High mechanical resistance. Behaves plastically subject to impact. Will deform but will not crack or debond
- High abrasion resistance resulting from its silica aggregate structure
- Can be applied to substrates with high moisture content (7 days old or mature damp concrete)
- Jointless. Extra expansion joints are not necessary; simply maintain and extend existing expansion joints up through the Sikafloor® -PurCem flooring system
- Easily maintained

Sikafloor®-20 PurCem LPF

Heavy-Duty Colored Polyurethane Floor Screed

Sikafloor® 20 LPF PurCem is a three part, water based, high strength, colored polyurethane resin floor screed suitable for floors subject to heavy loading, abrasion and chemical exposure.

Packaging:

Part A+B+C 60.6 kg ready to mix units
 12 complete units per pallet
 (12 x A) + (12 x B) + (24 x C)
 Part A: 5.8 kg plastic drum
 1000 kg IBC containers
 Part B: 4.8 kg plastic jerrycan
 225 kg drums
 Part C: 50.0 kg (2 x 25 kg),
 plastic lined, double paper bags

Shelf Life

Parts A and B: 12 months from date of production.
 Must be protected from frost.
 Part C: 6 months from date of production.
 Must be protected from humidity



Uses:

In areas subject to heavy loading, abrasion and high chemical exposure, to provide a 6 to 9 mm thick, hard wearing surface, such as in:

- Food process plants
- Chemical plants
- Processing areas
- Laboratories
- Workshop

Advantages:

- Excellent chemical resistance
- High mechanical resistance
- High abrasion resistance
- Steam cleanable at 9 mm thickness
- Thermal resistance
- Slip resistance
- Easily maintained
- Fast curing
- Easy to apply
- Durable
- Jointless
- Matte finish

Sikafloor®-31 PurCem® LP

Solvent Free Polyurethane Coating

Sikafloor®-31 PurCem® LP is a three part, solvent free, high build, coloured, matt finish, polyurethane modified, cement and aggregate coating with excellent chemical resistance and very good resistance to abrasion and mechanical damage. Typically applied in two coats for a total of 0.2 - 0.25 mm.

Packaging:

Part A: 1.60 kg plastic drum
Part B: 1.40 kg plastic jerrycan
Part C: 1.70 kg plastic bags
Part A+B+C: 4.7 kg ready to mix units

Shelf Life

Part A : 12 months from date of production. Protect from freezing.
Part B : 12 months from date of production. Protect from freezing
Part C : 6 months from date of production. Must be protected from humidity

Uses:

Sikafloor®-31 PurCem® LP may only be used by experienced professionals. Sikafloor®-31 PurCem® LP is designed to be used as:

- Stand alone, high build coating or as a seal coat for coverings and details performed with Sikafloor®-29 PurCem® LP or other products in the Sikafloor®- PurCem® range
- To provide an improved aesthetic finish to the products in the broadcast texture range of Sikafloor®-PurCem®
- Suitable for concrete protection providing physical resistance (Principle 5, method 5.1 of EN 1504-9)
- Suitable for concrete protection providing chemical resistance (Principle 6, method 6.1 of EN 1504-9)

As a chemical resistant concrete coating in places such as:

- Food processing plants, in wet or dry process areas, freezers and coolers
- Pharmaceutical plants
- Containment areas
- Chemical process areas

Advantages:

- Excellent chemical resistance. Resists a wide range of organic and inorganic acids, alkalis, amines, salts and solvents
- Allows use of severe cleaning regimes in the Food and Beverage industry. Please refer to the Chemical Resistance Chart or consult your local Technical Dept.
- Very low VOC emissions
- Water based Odourless formulation
- Excellent long term wear resistance from a two coat application
- Rapid one step application. Normally, no concrete primer required
- Economical and easy to apply
- Good hiding power
- Tolerant to substrate moisture. Can be applied on to 7 to 10 day old concrete after adequate preparation and with a tensile bond strength in excess of 1.5 N/mm² (218 psi)
- Bio-static surface. Does not contribute to the growth and development of bacteria or fungi.
- Wide range of application temperatures +10°C - +35°C

Sikafloor®-29 PurCem LP

High Strength Polyurethane Coving And Detailing Mortar

Sikafloor®-29 PurCem LP is a three, water dispersed, vertical grade, coloured polyurethane modified, cement and aggregate mortar for detailing work and vertical rendering. It has a finely textured smooth aggregate appearance which offers excellent resistance to abrasion, chemical attack and mechanical damage. Typically installed at 3 - 9 mm thickness.

Packaging:

Part A: 1.60 kg plastic drum
Part B: 1.40 kg plastic jerrycan
Part C: 19.00 kg plastic lined, double paper bags
Part A + B + C : 22.0 kg ready to mix units

Shelf Life

Part A : 12 months from date of production. Protect from freezing.
Part B : 12 months from date of production. Protect from freezing
Part C : 6 months from date of production. Must be protected from humidity

Uses:

Sikafloor®-29 PurCem LP may only be used by experienced professionals. In combination with the rest of the PurCem® range in concrete substrate areas, to provide vertical, coving and detailing solutions in areas of abrasion and high chemical exposure, such as in:

- Food processing plants, in wet or dry process areas, freezers and coolers, thermal shock areas
- Chemical plants
- Laboratories
- Workshops
- Suitable for concrete protection providing physical resistance (Principle 5, method 5.1 of EN 1504-9)
- Suitable for concrete protection providing chemical resistance (Principle 6, method 6.1 of EN 1504-9)

On properly prepared and supported steel surfaces, such as in:

- Steel decks
- Overpasses or platforms

Advantages:

- Excellent chemical resistance. Resists a wide range of organic and inorganic acids, alkalis, amines, salts and solvents
- Please refer to the Chemical Resistance Chart or consult your local Technical Dept
- Designed specifically for trowel applications to vertical surfaces
- Similar coefficient of thermal expansion to concrete, allowing movement with the substrate through normal thermal cycling. It will perform and retain its physical characteristics through a wide temperature range from -40 °C (-40 °F) up to +140 °C (284 °F)
- Bond strength in excess of the tensile strength of concrete. Concrete will fail first
- Non taint, odourless
- VOC free
- High mechanical resistance. Behaves plastically subject to impact. Will deform but will not crack or debond
- Slip resistance. Natural textured surface provides anti-slip traction
- High abrasion resistance resulting from its silica aggregate structure
- It is possible to apply on to 7 to 10 day old concrete after adequate preparation and with a tensile bond strength in excess of 1.5 N/mm² (218 psi)
- Sikafloor®-29 PurCem LP detailing mortar can withstand moisture vapor transmission values of 12 lbs/1000 ft² when tested in accordance with the ASTM F 1869 Anhydrous Calcium Chloride Test Method
- Fast curing will allow foot traffic after twelve hours and full service after two days. Production downtime is cut to an absolute minimum
- Jointless. Extra expansion joints are not necessary; simply maintain and extend existing expansion joints up through the Sikafloor®-PurCem® flooring system
- Easily maintained
- Wide range of application temperatures +10 °C - +35°C

Sikafloor® -315

Abrasion Resistant Aliphatic Polyurethane Seal Coat.

Sikafloor® -315 is a three and four parts, high solids, abrasion resistant, aliphatic polyurethane based textured coatings.

Packaging:

Un-Pigmented Set		Pigmented Set	
Part A:	2.83 kg	Part A:	2.83 kg
Part B:	0.42 kg	Part B:	0.42 kg
Part C:	2.13 kg (filler)	Part C:	2.13 kg (filler)
Part A+ B+C:	5.38 kg/set	Part D:	0.62 kg (pigment pack)
		Part A+ B+C+D:	6.0kg/set

Uses:

- Seal coat for Sikafloor epoxy floors
- High traffic areas requiring wear resistant coatings

Advantages:

- High Solids
- Excellent abrasion, wear, impact resistances
- Good UV resistance, non-yellowing
- Textured surface
- Good Chemical Resistance
- Available un-pigmented (3 parts) and pigmented (4 parts)

Shelf Life

12 months from date of production if stored properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5°C and +30°C.



SikaRepair EpoCem® Module AB

Two-Part Water Dispersed Epoxy Resin Primer

Solvent-free, water dispersed two part primer based on epoxy resin

Packaging:	Shelf Life:
4Kg/set	12 months

Uses:

SikaRepair EpoCem® Module AB may only be used by experienced professionals As a primer and adhesion promoter on properly prepared:

- New concrete
- Cementitious screeds
- Hardened concrete
- EpoCem® levelling layers

As a primer for: Sikafloor®-81 EpoCem® HC, Sikafloor®-82 EpoCem®, and Sikagard®-720 EpoCem® HC

Advantages:

- Easy and fast to apply
- Especially suitable for highly absorbent substrates
- Water dispersed and odorless
- Very good bond strength over its whole application temperature range
- Environmentally friendly



Sikafloor® -81 EpoCem® New HC

3-Part Cement and Epoxy Combination Mortar for Self-Smoothing Floor Screeds of 1.5 to 3 mm

Sikafloor®-81 EpoCem® HC is a three-part, epoxy modified cementitious, fine textured mortar for self-smoothing floor screeds in thin layers of 1.5 to 3mm

Packaging:
23 Kg/set

Uses:

As a Temporary Moisture Barrier (min. 2 mm thick) allowing the application of Epoxy, Polyurethane and resin floors requiring dry substrates, over high moisture content substrates, even green concrete, for lasting solution.

As a self-smoothing screed for:

- Levelling or patching horizontal surfaces, in new work or repairs, in aggressive chemical environments
- Floor topping on non-ventilated damp substrates without particular aesthetic requirements
- Levelling layer under Epoxy and Polyurethane floor coatings/ screeds, tiles, sheet floors, carpets or wooden floors
- Repair and maintenance of monolithic and vacuum concrete floors

Extended with quartz sand, as a patching repair mortar:

- Under Epoxy and Polyurethane floor coatings/screeds

Advantages:

- Can be over coated with epoxy resin compounds after 24 hours (20°C, 75% r.h.)
- Good leveling properties
- Excellent adhesion to damp and green concrete
- Excellent and early and final mechanical strengths

Shelf Life:

Part A & B - 12 months
Part C - 9 months



Sikafloor® -82 EpoCem®

3-Part Self-Smoothing Epoxy-Cement Floor Topping

A three-component cementitious epoxy-modified self-smoothing floor topping

Packaging: 31 Kg/set
Shelf Life: 12 months

Uses:

As a self-smoothing topping of 4-7 mm thickness:

- Leveling or patching concrete surfaces, both unfinished and after grinding or planning
- Floor toppings on damp substrates which are not ventilated from below, and where aesthetic appearance is not a primary consideration
- Wear resistant resurfacing compound on concrete
- Floor toppings beneath epoxy floor coatings
- Self-smoothing toppings as a substrate for synthetic floor coatings, carpets or wooden parquet
- Extended with quartz sand, can be used as a patching and repair mortar for:
 - Surfaces that are to be coated with epoxy resins
 - Designed for use on cementitious, mineral-based substrates

Advantages:

- Simple application system
- Solvent-free
- Can be over coated with epoxy resin compounds after 24 hours
- Waterproof
- Permeable to water vapour
- Thermal properties similar to concrete
- Excellent adhesion to damp and concrete substrates
- High mechanical strengths
- Excellent resistance to water and oils



Sikafloor® Curehard-24

Sodium Silicate Based Transparent Surface Hardener, Dust Proofer, Sealing And Curing Compound For Concrete

Sikafloor® CureHard-24 is a high solids, one part, clear sodium silicate based liquid to cure, harden and seal fresh or hardened concrete.

Packaging: 210 Liters/drum
Shelf Life: 12 months

Uses:

Sikafloor® CureHard-24 may only be used by experienced professionals.

- Horizontal old or new concrete surfaces, where a hard surface with light to moderate abrasion resistance is required e.g. warehouses, industrial plants, stores, shopping malls, parking structures, service stations, hangars etc.
- On concrete slabs where no specific curing efficiency or standards are required
- Suitable for interior or exterior applications
- Dust-proofing of prefabricated concrete elements
- Suitable for protection against ingress (Principle 1, method 1.2 of EN 1504-9)
- Suitable for physical resistance (Principle 5, method 5.2 of EN 1504-9)

Advantages:

- Ready to use
- Easy to apply
- Improved chemical and abrasion resistance compared to untreated concrete
- Reduced dusting of concrete floors
- Slightly reduces loss of water of new concrete while setting
- Improves cleanability
- Non-yellowing
- Good penetration
- Solvent free
- Colourless and odourless



Sikafloor®-3 QuartzTop P

Colored Mineral Dry Shake Floor Hardener

Sikafloor®-3 QuartzTop P is a pre-blended colored mineral dry shake hardener for concrete comprising of specially selected quartz mineral aggregates cements, compatible admixtures and pigments.

Packaging: 25 Kg/pack
Shelf Life: 12 months

Uses:

Sikafloor®-3 QuartzTop P may only be used by experienced professionals.

- Sikafloor®-3 QuartzTop P provides a hard wearing, mineral dry shake topping for monolithic floors. When sprinkled and trowelled into fresh wet concrete floors, it forms a colored wear resistant smooth surface.
- Typical users are in warehouses, factories, shopping malls, public areas, restaurants and museums.

Advantages:

- Good wear resistance rating
- Impact resistance
- Cost effective surface hardener
- Dust proof
- Easy cleaning
- Increase resistance to oils and grease
- Quality assured factory blending
- Wide range of colours
- Suppresses fibres in concrete



Lanko 196 Floor Screed

Used as a normal screed on new concrete substrates, or to repair old worn-out substrates in housing estates or industrial floors

LANKO 196 FLOOR SCREED is a ready-to-mix cementitious floor screed. It is ideal for casting onto new or old concrete floors with 10-40mm application thickness.

Packaging: 25kg bag
Shelf Life: 12 months

Uses:

LANKO 196 FLOOR SCREED is suitable for use as a normal screed on new concrete substrates, or to repair old worn-out substrates in housing estates or industrial floors. It can be used for internal and external applications.

Advantages:

- Premixed to ensure good consistent quality and mix
- Easy to use by simply adding water
- Prepacked for convenience in handling
- Good weather resistance and high durability



Lanko 162 RD Flow Prime

Bonding Primer

LANKO 162 RD FLOW PRIME is a bonding primer which creates a bonding key on smooth and sealed substrates or porous substrates. It improves the condition of the surface, the bonding strength of the mortar and reduces the bubble effect [pin hole], absorption capacity of the substrate.



Packaging: 20L container
Shelf Life: 12 Months

Uses:

- Reinforced concrete
- Precast concrete panels
- Traditional rendering

Advantages:

- Creates a bonding key
- Improves the bonding strength
- Reduces the bubble effect
- Easy to use

Lanko 123 Lankoself Thick

Self-Levelling Repair Mortar

LANKO 123 LANKOSELF THICK is a ready-to-wet self-levelling screed for preparing old and new interior floors before applying or laying carpet, vinyl sheeting, tiles, parquet, rubber or floor paints. Application thickness is from 7mm to 20mm.



Packaging: 25kg bag
Shelf Life: 6 Months

Uses:

Suitable for rooms, hallways, lobby and all interior foot traffic.

Possible covering materials:

- Carpet
- Vinyl sheeting
- Tiles
- Parquet
- Rubber
- Floor Paints

Permissible Substrate:

- Mortar screed
- Concrete slabs
- Prefabricated elements

Advantages:

- Excellent adhesion
- Compatible with traditional floor coverings
- Can be left bare
- For interior

Lanko 173 Lankoself Skim

Self-Levelling Repair Mortar

LANKO 173 LANKOSELF SKIM is a self-levelling screed for old and new interior floors. Application thickness is between 3mm and 8mm. It is a ready-to-wet mortar for preparing substrates before laying thin floor coverings. It can be covered with most floor-coverings.

Packaging: 25kg bag
Shelf Life: 6 Months

Uses:

Interior floors where an even and smooth surface is required e.g. houses, hospitals, hotels, office buildings

Possible covering materials:

- Carpet
- Tiles
- Rubber
- Vinyl sheeting
- Parquet
- Floor Paints

Permissible Substrate:

- Mortar screed
- Concrete slabs
- Prefabricated elements

Advantages:

- Self-levelling and self-smoothing
- Excellent adhesion
- Compatible with traditional floor coverings
- Quick opening to traffic



Lanko 783 Acrylic Polymer

Cementitious Coating

LANKO 783 ACRYLIC POLYMER is a cementitious coating ideal for carparks and industrial floorings. It is a two-component high performance mortar resistant to abrasion, impact and skidding. Application thickness is 3mm-5mm.

Packaging: 25kg bag Part A, 5 liter container Part B
Shelf Life: 6 months

Uses:

- Resurfacing of old and worn concrete floors
- Patching and repairing of damaged concrete surfaces
- Topping for new concrete floor to increase the skid and wear resistance
- Suitable for interior and exterior application, e.g. warehouses, car parks & driveways, bus bays, docks, etc.
- As a screed over to concrete roof gutters, repair and resurfacing to damaged concrete stairway
- As water-skid and wear-resistant coating to suit open, enclosed and basement car park applications. It is effective as an 'anti-screech' coat to multi-storey car parks, driveways and ramps, especially to descending and ascending turn areas
- Coating to internal and external walkways for new upgrading projects
- Ideal for re-surfacing industrial floorings for old and worn concrete floors as well as patching damage concrete surfaces
- As a repair patch over exposed concrete floor, slab and tile surfaces

Advantages:

- Hard, abrasion, impact and skid resistance
- For interior and exterior applications
- Excellent adhesion



Extender T

Thickening Agent For Sikafloor® Flooring Resins

Sika® Extender T is an inert, fine, white, fibrous polymer powder used as a thickening agent for Sikafloor® flooring resins.

Packaging:
20kg pail

Uses:

- Applications on horizontal surfaces to create custom surface textures
- Applications on vertical surfaces to hold the resin in place during curing
- Crack and pore filler to seal horizontal and vertical surfaces

Advantages:

- Allows for viscosity adjustment of Sikafloor® product applications
- Economical, easy to mix and use
- No effect on pot life or cure rate
- Low addition rate required to change resin viscosity
- Non carcinogenic
- Inert and non-reactive

Shelf Life
24 months



Sikadur 501

Sikadur 501 is a light colored kiln dried graded quartz sand for used in Sika coatings and membranes to provide a mechanical key for subsequent levelling materials.

It can also be used to bulk out certain Sika screeds and mortars as well as being used as an anti-slip additive.

Available in three grain sizes:

Item	Size (mm)
SikaDur 501 #5	0-0.3
SikaDur 501 #4	0.3-0.71
SikaDur 501 #3	0.71-1.7

Shelf Life:
24 months



Sikagard®-62

2-Part Epoxy Protective Coating

Sikagard®-62 is a 2-pack total solid (acc. test method of "Deutsche Bauchemie*") high build coating material based on epoxy resin

Packaging: 10 Kg/set
Shelf Life: 12 months

Uses:

- Abrasion-resistant universal coating material designed for normal to moderately aggressive chemical environments
- Sikagard®-62 is suitable for use on concrete, stone, cementitious mortars and renderings, epoxy-cements (EpoCem®), epoxy mortars and steel
- For linings to storage tanks and silos, bund areas
- Anti-corrosion coating in food-processing plants, sewage works, farms and agricultural enterprises, chemical and pharmaceutical plants, beverage industries and bottling plants
- Also used as part of glass fiber-reinforcement self-supporting linings with crack-bridging properties on bund areas and storage tanks

Advantages:

- Total solid
- Good chemical and mechanical resistance
- Easy to mix and work
- High-build
- Impervious to liquids



Sika® Permacor®-1705

Solvent Containing 1-Pack Zinc-Phosphate Primer for Steel

Sika Permacor-1705 is a solvent-borne 1-pack alkyd resin primer.

Packaging:

Sika Permacor-1705 : 25 Kg/set

Uses:

Sika Permacor-1705 is used as an anti-corrosive primer for atmospheric exposed steel surfaces.

Advantages:

Fast drying, universally applicable as primer with a great range of dry film thicknesses.

Shelf Life:

24 months



Sika® Permacor®-2706 EG

Epoxy-Mio-Coating

Sika® Permacor®-2706 EG is a 2-pack coat based on epoxy resin containing micaceous iron oxide with high mechanical resistance and outstanding adhesion.

Packaging:

24 kg and 3 kg net

Uses:

Sika® Permacor®-2706 EG may only be used by experienced professionals. Sika® Permacor®-2706 EG is used as primer for galvanized steel and also as primer under Sika® Unitherm® and Sika® Pyroplast® fire protection systems, as well as intermediate coating for atmospheric corrosion protection on steel.

Advantages:

- Coating with high mechanical resistance
- For primed steel, directly on galvanized steel, sprayed zinc, stainless steel and aluminium
- High content of micaceous iron oxide offers dense and highly resistant layers

Shelf Life:

24 months



SikaCor® EG-1

High-Solid Epoxy-Based Intermediate Coat

SikaCor® EG-1 is a 2-pack intermediate coat based on epoxy resin containing micaceous iron oxide. Low solvent content according to Protective Coatings Directive of German Paint Industry Association (VdL-RL 04).

Packaging:

30 Kg, 15 Kg and 3 kg net

Shelf Life:

36 months



Uses:

SikaCor® EG-1 may only be used by experienced professionals. Designed as a mechanically resistant intermediate coat on steel surfaces exposed to atmospheric conditions, hot-dip galvanized steel, zinc-spray, stainless steel and aluminium. In combination with 2-pack primer and top coats, Sika-Cor® EG-1 is a mechanically water and chemically resistant coating system for durable corrosion protection, corrosivity category C5 high according to ISO 12944-2.

Advantages:

- Excellent adhesion to hot-dip galvanized steel, zinc spraying, stainless steel and aluminium
- High film thickness per coat (up to 120 µm)
- Very good corrosion protection
- Tough elastic and hard but not brittle
- Largely insensitive against shock and impact

SikaCor® EG-5

2-Pack Acrylic Polyurethane Top Coat

SikaCor® EG-5 is a 2-pack acrylic polyurethane top coat. By adding 1 % b.w. SikaCor® PUR Accelerator (see product data sheet for more information) a fast touch and through drying will be achieved. (VdL-RL 04).

Packaging:

30 kg and 10 kg/set

Shelf Life:

24 months



Uses:

SikaCor® EG-5 may only be used by experienced professionals. In combination with 2-pack primer and intermediate coats of the SikaCor® and Sika® Permacor® product range for heavy duty corrosion protection of atmospheric exposed and submerged steel structures. SikaCor® EG-5 can also be used as a line marking paint on selflevelling and broadcasted epoxy and polyurethane resin based floors.

Advantages:

- Very good corrosion protection properties
- Tough elastic and hard but not brittle
- Largely insensitive against shock and impact
- Excellent chemical, weather and colour stability

Sika Poxicolor® Primer HE NEW

High Solid, Surface-Tolerant Epoxy Primer Coat for Steel and Galvanized Surfaces

2-pack primer coat based on epoxy resin. Economically and high-performance corrosion protection also for manually de-rusted surfaces and surfaces prepared by high-pressure water jetting. Low solvent content according to Protective Coatings Directive of German Paint Industry Association (VdL-RL 04).

Packaging:
28 kg, 14 kg and 4 kg/set

Shelf Life:
24 months



Uses:

Sika Poxicolor® Primer HE NEW may only be used by experienced professionals. Tough hard, versatile overcoatable primer for corrosion protection on steel exposed to atmosphere. Especially suitable for use on surfaces where only manually de-rusting (wirebrushing or power tool cleaning) or high-pressure water jetting is feasible or economic.

Advantages:

- Surface tolerant
- High layer thickness and diffusion resistance combined with very good surface wetting properties and adhesion result in a very high safety margin for good corrosion protection
- Fast initial drying and full hardening
- High-build application
- Very economically due to high coverage

Sika® Unitherm® Top S

Solvent Based PVC-AY Topcoat for Fire Protection Coatings on Structural Steel

Sika Unitherm Top S / Sika Unitherm Top S EG is a high build single pack topcoat, specially designed for Sika fire protection coatings.

Packaging:
13kg net

Shelf Life:
18 months

Uses:

- Sika Unitherm Top S / Sika Unitherm Top S EG is used as topcoat on fire protected structural steelwork for weathering and/or decorative reasons.
- In special conditions, i.e. frequent formation of condensation and / or heating up of surfaces above 45°C, possible measures shall be taken.
- In dry and clean conditions, top coating with Sika Unitherm Top S / Sika Unitherm Top S EG on Sika fire protection coatings may not be required.

Advantages:

- No impact on the foaming reaction of intumescent coatings
- Applicable on all Sika intumescent coating systems for steel
- Type X classified according ETAG 018-2:2006 (i.e. exterior conditions)
- Does not increase static load
- Simple application
- Individual coloration possible with corresponding topcoat, various colour shades in RAL, others available



Sika® Unitherm® Steel W-60

Water Based Fire Protection Coating System for Steel, Interior Use

Sika® Unitherm® Steel W-60 is an ecological, efficient, very fast drying and tough water based fire protection coating for interior structural steel work. Sika® Unitherm® Steel W-60 is forming a heat insulating layer under the influence of fire and improves the fire resistance of steel parts like columns, girders and framework.

Packaging:
25 Kg and 5 kg net

Shelf Life:
18 months

Uses:

Sika® Unitherm® Steel W-60 may only be used by experienced professionals. For interior use on structural steel members like columns, girders and framework with a highly effective protection to delay the steel from reaching critical temperatures. Note: With critical situation i.e. frequent formation of condensation and / or heating up of surfaces above + 45°C adequate arrangements should be taken. No topcoat required for dry environments except for a coloured decorative finish.

Advantages:

- Ecological and efficient water based coating
- Fast drying
- VOC < 1 g/l
- Free of halogens and aromatic solvents
- Meets Type Z1 classification (i.e. internal conditions includes temperatures till +5°C and high humidity) without topcoat
- R30 in one application step, R60 in two application steps
- Complies with the highest quality requirements (level 4) of DGNB
- Preserves the appearance of a steel construction
- Applicable to filigree steel structures and complex steel building elements
- Simple application, does not increase static load Individual coloration possible with corresponding topcoat, various colour shades in RAL, DB, others available



Sika® Unitherm® Steel W-120

Water Based Fire Protective Coating System for Steel, Interior Use

Sika Unitherm Steel W-120 is a water borne fire protection coating for interior structural steel work. Sika Unitherm Steel W-120 is a very fast drying and mechanical tough coating. Sika Unitherm Steel W-120 is forming a heat insulating layer under the influence of fire and improves the fire resistance of steel parts.

Packaging:
25 Kg Pail

Shelf Life:
18 months



Uses:

For indoor use on structural steel members like columns, girders and framework with a highly effective protection to delay the steel from reaching critical temperature. Note: With critical situation i.e. frequent formation of condensation and/or heating up of surfaces above 45°C, possible special measures should be taken.

Advantages:

- Ecological and efficient water based fire protection coating
- VOC 0 g/l
- Free of Halogens and aromatic solvents
- Classified according ETAG 018 part 2, Sika Unitherm Steel W-120 meets Type Z1 (i.e. internal conditions includes temperatures till +5°C and high humidity) without topcoat
- Comply with the highest Quality requirements (Level 4) of DGNB
- Preserves the appearance of a steel construction
- Applicable to filigree steel structures and complex steel building elements
- Simple application, does not increase static load
- Individual coloration possible with corresponding topcoat, various colour shades in RAL, DB, others available

Sika® Unitherm® Steel S Exterior

Solvent Based Fire Protection Coating for Steel, Fast Dry, Interior*/Exterior Use

Sika Unitherm Steel S Exterior is an ecological thin film fire protection coating system which has to be used for structural steelwork which is subject to weathering, high humidity, maritime environment etc. (exterior condition).

** Sika Unitherm Steel S Exterior can also be used for interior steel constructions as long as they are not designed to German AgBB requirements.*



Sika Unitherm Steel S Exterior is forming a heat insulating layer under the influence of fire and improves the fire resistance of steel parts like columns, girders and framework.

Packaging:
25 Kg and 5kg/set

Shelf Life:
18 months

Uses:

For indoor use on structural steel members like columns, girders and framework with a highly effective protection to delay the steel from reaching critical temperatures.

Advantages:

- Fast drying intumescent coating
- Applicable on steel constructions exposed to weathering
- CE-classified according ETAG 018 part 2, the system meets Type X classification (i.e. exterior conditions)
- Preserves the appearance of a steel construction
- Applicable to filigree and complex steel building elements
- VOC < 350 g/l
- Simple application, does not increase static load
- Individual coloration possible with corresponding topcoat, various colour shades in RAL, others available

Sika® Unitherm® Platinum

Solvent-Free, Ultra High Build, 2-Pack, Modified Epoxy Based Intumescent Fire Protection

Sika® Unitherm® Platinum is a solvent-free, 100 % solids, 2-pack, modified epoxy based intumescent fire protection coating for internally or externally exposed structural steel, where it provides highest durability and combined corrosion protection (up to ISO 12944, corrosivity category C5) and fire protection (up to R90). It is easily applied with standard airless spray equipment, requires no reinforcement, cures rapidly to a very tough and damage resistant finish, ready for handling and transport at the next day.

Packaging:
16.8 kg and 3.7 kg/set

Shelf Life:
12 months



Uses:

Sika® Unitherm® Platinum may only be used by experienced professionals. It is designed primarily for inshop application on structural steel that is to be internally or externally exposed. No additional sealers or top coats are required unless specific lightfast coloured finishes are required.

Advantages:

- Solvent-free, 100 % solids
- Low odour and zero flash risk
- Halogen-free
- Easy application with single-leg spray equipment
- Can be applied in 1-coat for up to 4 mm dry film thickness, no additional reinforcement required at any time
- Application directly on blast cleaned steel surfaces
- Rapid cure - next day handling and transport
- Very tough - minimal handling damage and touch-up costs
- Highly resistant to mechanical impact and damage in service
- Suitable for small sections and complex steel sections
- Very good cosmetic appearance
- Durable for a long service life
- Expected life cycle > 25 years
- Meets Type X classification (i.e. exterior conditions), no primer and top coat needed
- Excellent corrosion protection properties according to ISO 12944, corrosivity class C5 (as coating system)
- Complies with the quality requirements (level 3) of DGNB various colour shades in RAL, others available

Sika® Unitherm® Platinum-120

Solvent-Free, Ultra High Build, 2-Pack, Modified Epoxy Based Intumescent Fire Protection Coating For Internally or Externally Exposed Structural Steel

Sika® Unitherm® Platinum-120 is a solvent-free, 100 % solids, 2-pack, modified epoxy based intumescent fire protection coating for internally or externally exposed structural steel, where it provides highest durability and combined corrosion protection (up to ISO 12944, corrosivity class C5) and fire protection (up to R120). It is easily applied with standard airless spray equipment, requires no reinforcement, cures rapidly to a very tough and damage resistant finish, ready for handling and transport at the next day. Solvent-free according to Protective Coatings Directive of German Paint Industry Association (VdL-RL 04).

Packaging:
17.2 Kg

Shelf Life:
12 months



Uses:

Sika® Unitherm® Platinum-120 may only be used by experienced professionals. Sika® Unitherm® Platinum-120 is designed primarily for in-shop application on structural steel that is to be internally or externally exposed. No additional sealers or top coats are required unless specific lightfast coloured finishes are required.

Advantages:

- Solvent-free, 100 % solids
- Low odour and zero flash risk
- Halogen-free
- Easy application with single-leg spray equipment
- Can be applied in 1-coat for up to 4 mm dft (dry film thickness), no additional reinforcement required at any time
- Application directly on blast cleaned steel surfaces
- Rapid cure - next day handling and transport
- Very tough - minimal handling damage and touch-up costs
- Highly resistant to mechanical impact and damage in service
- Suitable for small sections and complex steel sections
- Very good cosmetic appearance
- Durable for a long service life
- Expected life cycle > 25 years
- Meets Type X classification (i.e. exterior conditions), no primer and top coat needed
- Excellent corrosion protection properties according to ISO 12944, corrosivity class C5 (as coating system)
- Complies with the highest quality requirements (level 4) of DGNB

Sika® Unitherm® Concrete S

Solvent Based Fire Protection Coating System For Concrete, for Interior Use

Sika® Unitherm® Concrete S is a solvent based fire protection coating system for concrete, masonry and brickwork located in interior situations, i.e. not exposed to weathering. Sika® Unitherm® Concrete S forms an insulating carbon char foam under the effect of heat or fire and protects the concrete substrate against heat and fire.

Packaging:
25 kg pail

Shelf Life:
18 months



Uses:

Sika® Unitherm® Concrete S installation works to be carried out only by Sika Approved Contractors. Please observe information given by Product Data Sheets. For interior use on concrete, masonry and brickwork to improve the fire resistance.

Advantages:

- Protection of concrete, masonry and brickwork against fire or heat
 - Delays heat transfer through walls in case of fire
 - Low material consumption
 - Simple application
- Individual coloration possible with corresponding topcoat, various colour shades in RAL, DB, others available
- VOC < 350 g/l

Sika® Unitherm® Cable

Water based fire protection coating system for cables, interior use

Sika Unitherm Cable is a water based pigmented intumescent coating system for application on cables, cable splitters, cable trays ladders and bundles for interior use. Sika Unitherm Cable forms a carbon char under the effect of heat or fire thus insulating the cable substrate against heat and preventing the propagation of fire. Sika Unitherm Cable delays the circuit integrity in case of fire and does not influence the thermal transfer of the coated cable in use.

Packaging:
10 kg net

Shelf Life:
18 months



Uses:

Sika Unitherm Cable protects cables, cable splitters, cable trays ladders and bundles against heat and spread of fire, reduces the flammability and neutralises acid fumes and gases. Note: Critical situations i.e. frequent formation of condensation and/or heating up of surfaces permanently above 45°C should be avoided.

Advantages:

- Efficient water based intumescent coating
- VOC: 0 g/l
- Free of halogens and aromatic solvents
- Low consumption and easy application
- Reduces flammability, prevents spread of flame
- Neutralisation of acid fumes and gases
- Flexible installation and perfect adjustment to any given cable constructions

BUILDING FINISHING

Sets of solutions dedicated to tile setting, facade protection and decoration, and interior wall finishing

Lanko 103 PH Lankowall

Ready-To-Use Smooth Skim Rendering Paste

LANKO 103 PH LANKOWALL is a ready-to-use smooth skim rendering paste for thickness 0.3 - 4mm used to level surface defects in concrete or render.

Packaging: 5 kg and 20kg pail
Shelf Life: 12 months

Uses:
 Can be applied for interior and exterior walls and ceilings 0.3 - 4mm thickness.

- | | |
|---|--|
| <p>Interior / Exterior</p> <ul style="list-style-type: none"> ■ Shuttered Concrete ■ Reinforced concrete shell-work ■ Precast concrete ■ Concrete Soffits | <p>Interior Only</p> <ul style="list-style-type: none"> ■ Bricks ■ Gypsum block or board ■ Gypsum (consult website) ■ Lightweight concrete block (with primer) |
|---|--|

Possible covering materials: Thick plastic coating, paint, wallpaper, fabric and bonded plastic

- Advantages:**
- Ready-to-use and easy to apply
 - Perfectly white smooth finish
 - For interior and exterior use
 - Can be exposed or painted (no primer needed)



Lanko 101 PH Parenduit

Smooth Skim Rendering Paste

LANKO 101 PH PARENDUIT is a smooth skim rendering paste for thickness 0.3 - 4.0 mm to be mixed with cement or gypsum for eliminating grooves, seams and rock pockets in concrete surfaces to obtain a perfectly smooth finish.

Packaging: 5 kg and 20kg pail
Shelf Life: 12 months

Uses:
 Interior and exterior walls and ceilings from 0.3mm to 4mm thickness.

- | | |
|--|--|
| <p>Interior / Exterior</p> <ul style="list-style-type: none"> ■ Reinforced concrete ■ Precast concrete panels ■ Traditional rendering mortars | <p>Interior only</p> <ul style="list-style-type: none"> ■ Lightweight concrete or lightweight block (with primer) ■ Gypsum Board (in gypsum mix) |
|--|--|

- Advantages:**
- Perfectly smooth finish
 - High bonding strength
 - For interior or exterior use
 - Can be exposed or painted on (no primer needed)



Lanko 110 Lankoskim

Superfine Skimcoat

DAVCO Lanko 110 Lankoskim is a smooth powder skimcoat for repair of concrete or render surface defects from 1mm to 4mm. Surface blemishes such as grooves, seams, fine cracks and rock pockets can be eliminated producing a smooth finish.

Packaging: 20kg Bag
Shelf Life: 12 Months

- Uses:**
 Interior and exterior* walls and ceilings
- Reinforced concrete
 - Precast concrete panels
 - Traditional rendering

*Recommended to use top coat



Lanko 111 Render Coarse

Rendering Mortar For Walls

LANKO 111 RENDER COARSE is a coarse rendering mortar for finishes ranging from 10mm to 50mm. This product is applicable in repairing concrete surface defects and as replacement for traditional plastering for walls and ceilings.

Packaging: 25kg Bag
Shelf Life: 12 Months

- Uses:**
- Interior and exterior walls and ceilings
 - Replacement for traditional plastering
 - Can be directly applied to concrete hollow blocks



Lanko 113 Lankopatch

Used For The Repair Of Surface Defects On Concrete Panels, Reinforced Concrete And Precast Concrete

LANKO 113 LANKOPATCH is a fine rendering mortar for the repair of surface defects on concrete panels or traditional renders of walls or ceilings with thickness of 2mm to 10mm.

Packaging:
25 kg bag

Shelf Life:
12 Months

Uses:

- Interior and exterior walls and ceilings from 2mm to 10mm thickness
- Reinforced concrete
- Precast concrete
- Precast concrete panels
- Traditional rendering

Advantages:

- Easy to use
- High bonding strength
- For interior and exterior application
- Compatible with decorative wall coverings



Parex 533 Sand Smooth

Acrylic-Based Textured Finishes For Use On Various Surfaces

PAREX 533 SAND SMOOTH is an Acrylic-based textured finish for use on various surfaces. It provides instant fine texture upon application.

Packaging:
30 kg Pail



Uses:

Exterior or interior finishes for top coating:

- EIFS
- Properly prepared masonry, stucco and concrete surfaces
- Interior application over drywall, plaster or properly prepared masonry or concrete

Advantages:

- DPR (Dirt-Pick-up Resistance) Chemistry
- Integrally colored with high-quality pigments

Shelf Life:
12 Months

Parex 534 Sand Fine

Acrylic-Based Textured Finishes For Use On Various Surfaces

PAREX 534 SAND FINE is an Acrylic-based textured finish for use on various surfaces. It provides instant fine texture upon application.

Packaging:
30 kg Pail



Uses:

Exterior or interior finishes for top coating:

- EIFS
- Properly prepared masonry, stucco and concrete surfaces
- Interior application over drywall, plaster or properly prepared masonry or concrete

Advantages:

- DPR (Dirt-Pick-up Resistance) Chemistry
- Integrally colored with high-quality pigments

Shelf Life:
12 Months

Parex 121 Dry

Used As A Base Coat And Adhesive For Parex EIFS And Other Architectural Coatings and Finishes

Parex 121 Dry is a grey base coat and adhesive for Parex EIFS and other architectural coatings and finishes

Packaging:
25 kg net weight

Shelf Life:
6 Months



Uses:

- EPS adhesive for the following substrates:
 - Exterior grade gypsum sheathing
 - Masonry, concrete and cement board - EPS
- Base Coat for Parex architectural finishes (Parex 201, Parex 533, Parex 534, Suzuka Architectural finishes).
- Leveler and filler for masonry, concrete, stucco surfaces. For this application only.

Advantages:

- Excellent workability
- Superior impact and puncture resistance
- Achieves higher impact classifications
- Can be built up to 6mm in a single pass
- Without addition of cement, mixed on site with water

Parex 121 Wet

Used As Basecoat And Adhesive For Parex EIFS And Other Architectural Coatings And Finishes

With the addition of Portland Cement, PAREX 121 WET is used as basecoat for

Packaging:
25 kg net weight

Shelf Life:
12 Months



Coverage:

Depending on the condition of the substrate and method of application, approximate coverages are:

- As an adhesive:
 - Parex 5/16 in. (8mm) notched trowel: 220-250 sq. ft. (20-23sqm.)/pail
 - Parex 5/8 in. (16mm) notched trowel: 170-190 sq. ft. (16-17 sqm.)/pail
 - WaterMaster 1/2 in. (12.7mm) notched trowel: 215-240 sq. ft. (20-22.3 sq. m)/ pail
- As a base coat to embed Parex 355
 - Standard Mesh: 180-210 sq. ft. (16.7-19.5 sq. m)/pail
- As a double-layer Base Coat to embed Parex 355 Standard Mesh and 358.2 Ultra High Impact Mesh: 150-190 sq. ft. (14-17 sq.m)/pail
- As a leveler, coverage depends upon the thickness applied.

Parex 121 Optimum

Basecoat And Adhesive

PAREX 121 OPTIMUM can be used as a basecoat for Parex EIFS and other architectural coatings. It can also be an adhesive used to laminate EPS to common substrates. PAREX 121 OPTIMUM can be applied without the addition of cement and mixed onsite with water. It is bent in class workability and features an extended pot life.

Packaging:
25 kg net weight

Shelf Life:
12 Months

Uses:

- EPS adhesive for the following substrates:
 - Exterior grade gypsum sheathing
 - Glass mat gypsum sheathing
 - Masonry, concrete and cement board
 - EPS
 - Parex USA WeatherSeal Spray & Roll-On and Weather Seal Trowel-On Water Resistive Barrier Coatings
- Base Coat for Parex Nu-Tech Stucco and other architectural coatings and finishes (ACF)
- Leveler and filler for masonry, concrete, stucco surfaces. For this application only, PAREX 121 OPTIMUM Base Coat & Adhesive can be built up to 1/4 in (6mm) thick in a single pass.



Parex 201 Stuccowall

Used As Cement Based Exterior Textured Coat For Portland Cement Plaster

DAVCO Parex 201 Stuccowall is a white cement based exterior wall finish. It is ready-to-wet and requires minimal maintenance.

Packaging:
25 kg net weight

Coverage:
Coverage will vary depending on substrate, thickness and texture of the application.

Shelf Life:
12 Months



Parex 600

Acrylic Sealer With Gloss Finish For Both External And Internal Architectural Coatings.

PAREX 600 is a pure acrylic transparent sealer used as coating for external and internal finishes. Parex 600 contains mildewcide and algicide that help prevent growth of mildew and algae on facades. Parex 600 creates a glossy finish when cured.



Packaging:
20L Pail

Uses:

- Aids finishes in resisting chalking
- A protective exterior acrylic-based coating. Compatible with Parex finishes.
- Masonry Sealer

Shelf Life:
12 Months

Parex 610

AcrylicSealant With Matte Finish For Both External And Internal Architectural Finishes.

PAREX 610 is an acrylic-based transparent sealer used as coating for external and internal finishes. It contains mildewcide and algicide that help prevent growth of mildew and algae on facades. Parex 610 provides a clear matte finish.



Packaging:
20L Pail

Shelf Life:
12 Months

Uses:

- Protects finishes from harmful UV light
- Well-suited for use with darker colors to increase fade resistance
- Aids finishes in resisting chalking
- A protective exterior acrylic-based coating. Compatible with Parex finishes.
- PAREX 610 for application requiring reduced gloss
- Masonry Sealer

Davco Dustless Premium

Premium Grade (C2S1 classification) TTB Tile Adhesive For All Types of Tiles

Davco Dustless Premium is a premium grade, thick or thin bed, cement-based tile adhesive specifically formulated to provide higher coverage, easier application, longer open time and high bond strength. It has low shrinkage capability.

Packaging:

Uses:

Types of Tiles: Suitable for porous and non-porous tiles i.e glass mosaics, glazed glass ceramics, granite, slate and natural stones.

Substrates:

- Walls/floors, interior/exterior application
- Concrete, cement renders / screeds, block work, rendered brickwork and mortar leveling
- Smooth and even lightweight concrete block or thick bed application to level uneven parts
- Waterproofing membranes and immersed area especially swimming pools

Advantages:

- Easy-to-use, just mix with water or DAVCO Davelastic
- High bond strength
- Higher coverage
- Use on both walls and floors
- Interior and exterior application
- Can be used for tile-on-tile application

Shelf Life:

12 months



Davco Dustless Heavy Duty

High Quality (C1 classification) TTB Tile Adhesive For Large & Semi-porous Tiles

Davco Dustless Heavy Duty is a high quality, thick or thin bed (TTB) cement-based tile adhesive, the ideal partner for fixing ceramic, quarry, slate, marble, homogenous, low-porous porcelain and most monocottura tiles.

Packaging:

25kg bag

Uses:

Can be used to lay tiles onto concrete, cement render, block work and rendered brickwork surfaces. It can be used on walls and floors in both interior and exterior applications. (For consultation on tile sizes)

Advantages:

- Easy - to - use, just mix with water or DAVCO Davelastic
- High bonding strength
- Non-toxic, non-flammable
- Quick grip

Shelf Life:

12 months



Davco Dustless Regular

Economical TTB Tile Adhesive For Standard Sized and All Porous Tiles

An economical thick or thin bed (TTB) cement-based tile adhesive, ideal for laying tiles especially ceramic, baked clay tiles, quarry and monocottura tiles-onto interior and exterior walls and floors.

Packaging:

25kg bag

Shelf Life:

12 months

Uses:

For standard sized tiles (up to 60cm x 60cm) and all porous tiles such as ceramic tiles, ceramic mosaics and baked clay tiles onto rendered concrete. tiles onto rendered concrete.

Advantages:

- Can be used for internal and external floors, internal walls (for consultation, depending on tile size).
- Easy to use, just mix with water or DAVCO Davelastic.
- Can be used to lay tiles in wet areas such as shower floors etc.
- Non-toxic, non-flammable
- Easy mixing and tiling, saves time and costs



Davco Standard Tile Adhesive

Thick or Thin Bed TTB

DAVCO Standard Tile Adhesive is an economical thick or thin bed (TTB) cement based tile adhesive. Ideal for laying the following tile types: ceramic tiles, baked clay tiles, quarry and most monocottura tiles onto interior and exterior walls and floors.

Packaging:
25kg bag

Uses:

For standard sized tiles (up to 60cm x 60cm) and all porous tiles such as ceramic tiles, ceramic mosaics, baked clay tiles and laterite tiles onto rendered concrete.

Advantages:

- Can be used for internal and external floors, internal walls (for consulation, depending on tile size)
- Easy to use; just mix with water or DAVCO Davelastic
- Can be used to lay tiles in wet areas such as shower floors, etc.
- Non-toxic, non-flammable
- Easy mixing and tiling; saves time and cost

Shelf Life:

12 months



Davco Standard Tile Grout

Economical Thick or Thin Bed (TTB) Tile Adhesive

DAVCO Standard Tile Grout is a cementitious grout designed for use with most types of ceramic tile and natural stones. It has a anti-microbial protection providing resistance to a broad spectrum of molds, fungi and bacteria.

Packaging:
2kg plastic bag

Colors:
white, beige, gray,
and cream almond

Uses:

- For filling joints 1 - 6 mm
- Internal - external wall and floor grouting application
- Suitable for most types of ceramic tiles and natural stones
- Can be used to fill joints between toilet, bathtub, basin to wall and floor in place of colored or pigmented cement in general application

Advantages:

- Extra fine and smooth - No scratch on tiles
- Good strength, adhesion and crack resistance
- Prevents mold and bacteria growth

Shelf Life:

12 months



FFI & INDUSTRY

Façade, Fenestration and Insulation (FFI) products for structural glazing and sealing of insulating glass units

Sikasil® SG-18

One-Part Neutral-Curing Structural Silicone Adhesive

Sikasil® SG-18 is a neutral-curing silicone adhesive with excellent adhesion to a wide range of substrates

Sikasil® SG-18 is manufactured in accordance with ISO 9001 quality assurance system and the Responsible Care Program

Packaging:

600ml sausage (20 pieces per box)

Color:

Black

Uses:

Structural glazing adhesive and other bonding applications where superior resistance to UV radiation, high temperature and weathering is required

Advantages:

- One-part structural glazing system
- Neutral-curing
- UV and weathering resistant
- High mechanical strength
- Ready to process
- High modulus
- Complies with ASTM C1184, ASTM C920 class 12.5, ETAG 002, EN 1279-2

Movement capability:

±12.5%

Shelf Life:

12 months



Sikasil WS-305KR

Weatherproofing Sealant

One-part, silicone-based, moisture curing, low modulus elastic weather sealant

Packaging:

600ml sausage (20 pieces per box)

Color:

Black, White, Grey

Uses:

For weatherproofing and sealing applications where durability under severe conditions is required

Advantages:

- Ready-to-use, one-part sealant
- Neutral-curing
- UV and weathering resistant
- Highly flexible
- Complies with ASTM C920 class 50, TT-S 001543 A, TT-S-00230 C, EN 15651-1, -1 (F EXT-INT CC 25LM, G CC 25 LM)

Movement capability:

±50%

Shelf Life:

15 months



Sikasil® SG-500 CN

Two-Part, Neutral-Curing, Structural Silicone Adhesive

Sikasil® SG-500 CN is a two-part, high-modulus, neutral-curing structural silicone adhesive

Sikasil® SG-500 CN is manufactured in accordance with ISO 9001/14001 quality assurance system and the Responsible Care Program

Packaging:

Component A - 260 Kg Drum
Component B - 20 Kg Pail

Uses:

For structural glazing and similar high demanding industrial application

Advantages:

- Two-part structural glazing system
- For machine application
- Neutral-curing
- Fast vulcanization and through-cure
- Excellent UV and weathering resistance
- High mechanical strength
- Complies with ASTM C1184, ASTM C920 class 25, GB 16776-2005

Movement capability:

±12.5%

Shelf Life:

Part A - 15 months
Part B - 12 months



SIKA® FULL RANGE SOLUTIONS FOR CONSTRUCTION & INDUSTRY

Concrete



Refurbishment



Waterproofing



Roofing



Sealing & Bonding



Flooring



Building Finishing



FFI



Industry



WHO WE ARE

Sika AG, Switzerland, is a globally active specialty chemicals company. Sika supplies the building and construction industry as well as manufacturing industries (automotive, bus, truck, rail, solar and wind power plants, facades) Sika is a leader in processing materials used in sealing, bonding, damping, reinforcing and protecting loadbearing structures. Sika's product lines feature high quality concrete admixtures, specialty mortars, sealants and adhesives, building finishing solutions, damping and reinforcing materials, structural strengthening systems, industrial flooring as well as roofing and waterproofing systems.

SIKA PHILIPPINES

Sika Philippines Inc., a wholly-owned subsidiary of the Sika Group, has been serving the Philippine Market since March 1994.



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