



MAK«PHALT
Protecting Nation's Infrastructure
by M.K. PETRO PRODUCTS



PRODUCT GUIDE

EXPERIENCE DRIVEN INNOVATION IN
WATERPROOFING, CONSTRUCTION
CHEMICALS AND MORE...



Our Key Projects



**HINDUSTAN AERONAUTICS
LIMITED, NASIK**

**INDIAN OIL CORPORATION
LIMITED, MATHURA**

**JHAJJAR POWER LTD.,
HARYANA**

**NATIONAL
MUSEUM**

**SPICEJET
HARYANA**

**NTPC, KUDGI -
KARNATAKA**

**NTPC, RIHAND
UTTAR PRADESH**

**IBIZA TOWN
FARIDABAD**

**BHARAT COALING
COAL, JHARKHAND**

**BCCL -
JHARKHAND**

**CPWD, NATIONAL MUSEUM
NEW DELHI**

**NTPC VINDHYACHAL,
MADHYA PRADESH**

**NTPC, TANDA,
UTTAR PRADESH**

**CSIR - NGRI,
Hyderabad**

**INDIAN OIL CORPORATION
LIMITED, MATHURA**

Introduction

MK Petro Products (I) Pvt. Ltd. was founded in 1985 by Er. RN Jain and Mr. Sudhir K. Jaini. Within the last 35+ years, Makphalt has leapfrogged into a premier brand in the field of construction chemicals in India and abroad.



35+

Years of Experience



1500+

Recurring Clients



500+

Projects & Tenders



25+

States We Reach

Following are the factors that has made us a successful and renowned brand:

- ◆Pioneers of bitumen based technologies like APP membranes, bitumen felts, blown bitumen, bitumen emulsion, etc. during the 1980's and 1990's.
- ◆Development of various types of waterproofing materials in-house along with anticorrosive pipeline tapes, road construction and road repair compounds as well as other specialty construction chemicals through world-class R&D and state-of-the-art machinery.
- ◆Approved brand in government departments such as NTPC, CPWD, MES, PWD, NDMC, BHEL, etc.
- ◆Capability to develop custom products as per market requirements.
- ◆Personal touch of the senior management to serve the customer's need.



Our Core Purpose

To be the potential enhancers of everyone we connect with, through continuous innovation and thus challenging the status quo.

Our Core Values



CONTINUOUS INNOVATION



TAKE UP CHALLENGES



RESPECT FOR ALL

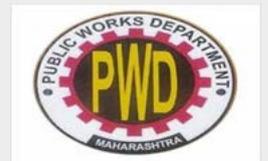


STAY TRUE TO COMMITMENT



ATOMIC LEARNINGS

Key Clients





Product Range

LIQUID APPLIED WATERPROOFING COATING

Mak Envirocool	09
Mak Crete 2K	09
Mak Elastocryl HB 2	09
Mak Elastocryl EMB	10
Mak Elastocryl EMW	10
Mak Elastothane EMB	11
Mak Crete MWP	11
Mak Kool Tank	11
Mak Elastothane EMB-WB	12
Mak Elastothane EMW- WB	12
Mak Guard 2K	12
Mak Crete 2K Super	13
Mak Elastocryl K10	13
Mak Super Mastic	13
Mak Crystal Seal	14
Mak Flexidry HB2	14

ANTI CORROSIVE PIPELINE COATING

Mak Primekote	16
Mak Polykote	16
Mak Epoxy Zinc Rich Primer	16
Mak Coal Tar Epoxy	17

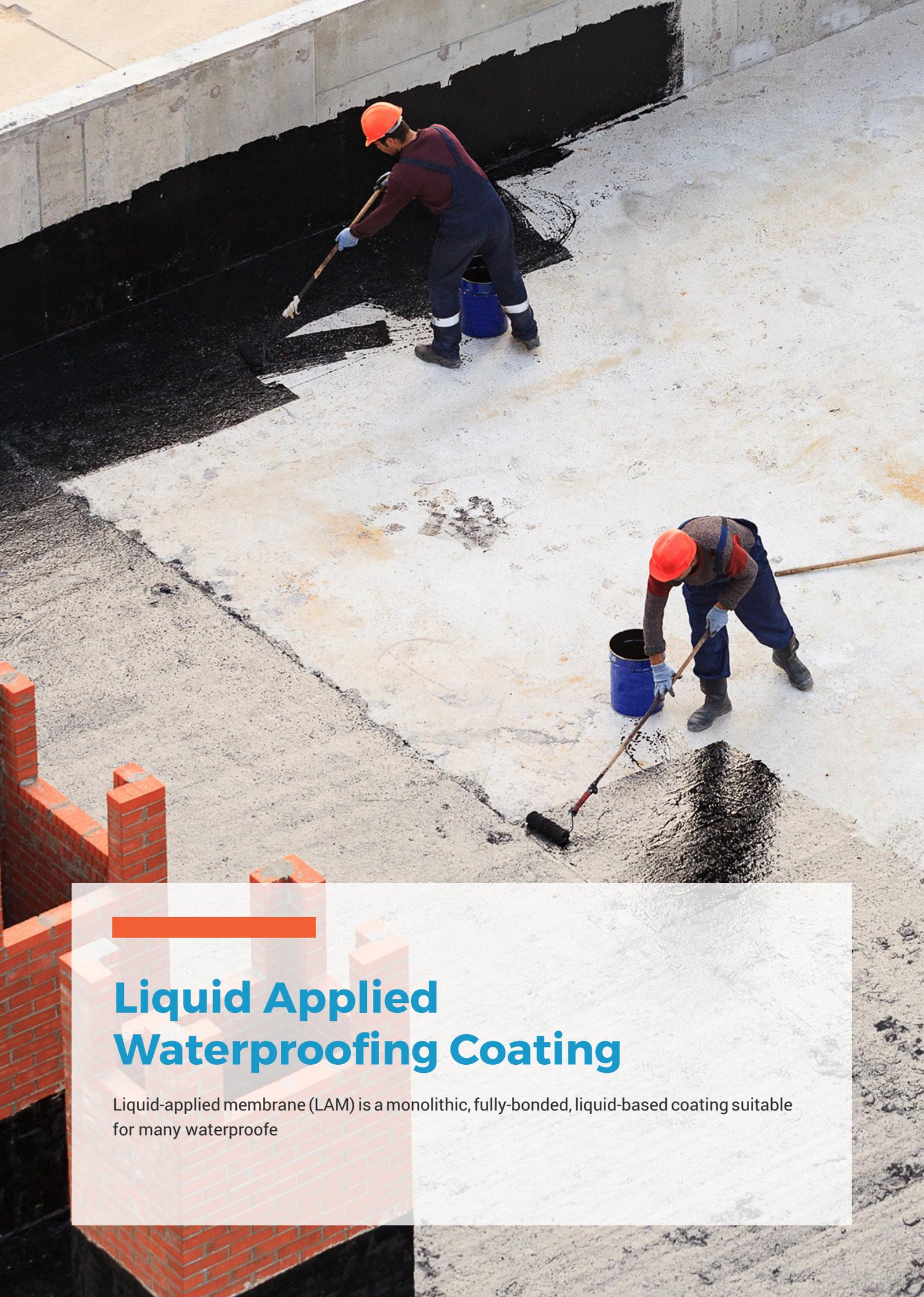
SHEET MEMBRANES

Mak Membrane HDPE-P	19
MakFelt IS : 1322-1993	19
MakFelt IS : 7193-1994	19
Mak Polyplast SAM-AL	20
Mak Polyplast Regular	20
Mak Polyplast SAM-XL	21
Mak Polyplast Standard	21
Mak Polyplast Superlay	22
Mak Polyplast Geolay	22
Mak Polyplast Superlay (M.F)	23

BITUMINOUS COMPOUNDS AND PRIMERS

Mak Primer	25
Mak Bond	25
Mak Fill Board	25
Mak Plast	26
Mak Mastic	26
Mak Sealing Compound	26
Mak Kote	27

	Mak Anti Stripping Compound	27
	Mak Blown Bitumen	28
	Mak Silver	28
	Mak PME105	28
	Mak Premix	29
	Mak Emulsion	29
SPECIALISED PRIMERS	Mak Primecryl	31
	Mak Prime CH9	31
	Mak Coolprime	31
	Mak PU Primer	32
	Mak Polyprimer	32
SEALANTS AND INJECTIONS GROUTS	Mak Sealing Compound	34
	Mak Polyseal	34
	Mak Turbo Grout	34
	Mak PU Seal	35
	Mak Polygrout	35
ADMIXTURE FOR CONCRETE AND MORTAR	Mak Plast LW+	37
	Mak Plast ACL	37
	Mak Plast SP 105P	37
	Mak Plast SP 106	38
	Mak Plast SP - PC 30	38
	Mak Plast SP - PC 301	39
	Mak Plast SP-PC 302	39
POWDER PRODUCTS	Mak Tile Fix	41
	Mak Tile-O-Grout	41
	Mak Block Fix 51	41
	Mak Seal Plast 501	41
	Mak Spread Hard 601	42
	Mak Crystal Seal	42
	Mak Crystal Seal Admix	42
	Mak Crack-O-Fill	43
	Mak Turbo Grout	43
CONSTRUCTION TEXTILES	Mak Geotex	45
	Mak Polyscrim Cloth	45
	Mak Fiber Mesh	45



Liquid Applied Waterproofing Coating

Liquid-applied membrane (LAM) is a monolithic, fully-bonded, liquid-based coating suitable for many waterprooffe

MAK ENVIROCOOL

Mak Envirocool is a nano insulation technology infused microfiber reinforced waterproofing and thermal insulation coating system. It is a single component liquid applied flexible water & UV resistant waterproofing membrane suitable for all types of exposed roofs, slabs, terraces, etc. It helps in reduction of energy usage by ensuring less heat transfer into buildings thus keeping the interiors cool during peak summer.

Uses & Application Areas:

- ◆Terrace water and heat proofing
- ◆Asbestos sheet and other metal surfaces.
- ◆Internal and External Walls
- ◆Plastic tank heat proofing
- ◆Wood, PU Foams and Asphalt shingles.

Packaging: 1, 5, 10, 20 kg

Dosage & Coverage:

2 sqm per litre per coat.

Coverage may vary depending upon the texture and porosity of the surface.



MAK CRETE 2K

MAK Crete 2K is a pre – packed two component polymer modified cementitious coating, which can be easily mixed on site to form a smooth slurry then applied with brush or roller. This coating cures to form an elastomeric waterproofing membrane with excellent adhesion to cementitious surfaces. This should be applied onto damp substrates, internal and external wet areas. The cured membrane is flexible, durable, weather-resistant and abrasion resistant.



Uses & Application Areas:

Mak Crete 2K is best suitable for the waterproofing of water retaining structures like potable water tanks, reservoirs, canals, culverts, etc. It is suitable for use in foundations, basements, sunken areas, terraces, parking deck and sealing pre-cast joint.

Packaging: 5L + 8 kg pack.

Dosage & Coverage:

Approx. 8-10 sq. mt / 2 coats of [5L+8 kg] pack.

MAK ELASTOCRYL HB 2

MAK Elastocryl HB 2 is a high performance waterproofer that dries to form a tough impermeable high build coating of upto 2mm thickness.

Uses & Application Areas:

Best suited as a high build liquid membrane for treatment of podium areas, terraces, terrace gardens and basements.

Packaging: 25 & 50 Kg

Dosage & Coverage:

2.5 Kg / sqmt for 2 mm thickness



MAK ELASTOCRYL EMB

Mak Elastocryl EMB is high performance water-proofer liquid that dries to form a tough and flexible impermeable coating. It is a blend of tropical grade bitumen emulsion with modification using acrylic latex polymers. It is designed for use underground, internal and immersed areas.



Uses & Application Areas:

- ◆As an impervious waterproofing membrane.
- ◆Useful on concrete and brick foundations, retaining walls and bridge abutments.
- ◆For protection of Interior and exterior walls.
- ◆Ponds, tanks and water features.
- ◆Can be used as adhesive to bond wood blocks, expanded polystyrene and cork tiles to any surface.
- ◆Could be used as a primer/ bond coat on bituminous substrates or repairing bituminous surface and membranes.

Packaging: 1kg, 4kg and 20 kg

Dosage & Coverage:

1.2 kg/sqm in two coats. It may vary according to the condition of the surface.

MAK ELASTOCRYL EMW

Mak Elastocryl EMW is a single component, liquid applied, highly effective waterproofing system based on plasticized acrylic resin with U. V. resistant pigments. It cures on exposure to the atmosphere and forms an elastomeric white seamless membrane.

Uses & Application Areas:

- ◆As weatherproof protective and decorative coatings for exterior masonry, concrete, cement sand rendered all types of exterior walls, etc.
- ◆Roof decks and walls [either concrete or mortar or metal]
- ◆Can be applied over spray applied PU foam and other materials that are UV degrading.
- ◆For waterproofing of sloped roofs.
- ◆It can be used on all types of drywall surfaces like gypsum, cement fibre boards and more.

Packaging: 1kg, 5kg, 10 kg and 20 kg

Dosage & Coverage:

1.1-1.2kg/sqm in two coats. It may vary according to the condition of the surface.



MAK ELASTOTHANE EMB

Mak Elastothane EMB is a liquid applied polyurethane modified bituminous elastomeric membrane coating. Mak Elastothane EMB when applied on a surface, gives a continuous monolithic film which is rubbery and elastic in nature. The film is self-curing and cures by reaction with atmospheric moisture to give a tough elastomeric waterproof membrane.



Uses & Application Areas:

- ◆Roof, terraces, Balconies, Patios.
- ◆Car decks, Podiums.
- ◆Foundations, Basements, Lift pits.
- ◆Sewage works and Sunken Portions.

Packaging: 20kg

Dosage & Coverage:

1.6-1.8 kg/sqm in two coats. It may vary according to the condition of the surface.

MAK CRETE MWP

Mak Crete MWP is an acrylic based polymer modified cementitious waterproofing system. Mak Crete MWP polymer, when mixed with cement will provide a dependable solution to all problems related to water leakage & protects from severe fungus, salt penetration, or environmental attack.

Uses & Application Areas:

- ◆Bathroom and any floor to dampness
- ◆Water Tanks or swimming pools
- ◆General concrete repair
- ◆Basements, Retaining Walls, tunnels, etc.
- ◆Against corrosion and salt attacks
- ◆Roof Slab, Parapet, Terrace, Balconies.

Packaging: 1kg,5kg, 20kg

Dosage & Coverage:

1 kg MAK CRETE MWP mixed with 2 kg cement will cover 2.5-3 sqmt area.



MAK KOOL TANK

It is a perfect solution for thermal insulation and weatherproofing of Water tanks to keep the water cool in summers and very comfortable in winters.



Uses & Application Areas:

Best when applied as an over coat from outside on PVC & masonry water tanks

Packaging: 1 Kg

Dosage & Coverage:

1 Kg for 500 Ltr capacity water tank in 2 coats

MAK ELASTOTHANE EMB-WB

MAK ELASTOTHANE EMB [WB] is a water based liquid applied polyurethane modified bituminous elastomeric membrane coating.

Uses & Application Areas:

- ◆ Foundations, Basements, Lift pits.
- ◆ Car decks, Podiums.
- ◆ Roof, terraces, Balconies, Patios.
- ◆ Sewage works and Sunken Portions.

Packaging: 20kg pails

Dosage & Coverage:

1.2 kg/Sqm on a smooth surface will provide an adequate film thickness of approx. 1 mm.



MAK ELASTOTHANE EMW- WB

Mak Elastothane EMW-WB is high performance water proofer that dries to form a tough impermeable coating. It is a single component, long lasting, permanently elastic, polyurethane dispersion in water that may be applied during various seasons and weather conditions.



Uses & Application Areas:

Trafficable roofs (light traffic) Useful on concrete and brick foundations, retaining walls and bridge abutments. For protection of Interior and exterior walls. Can be used as adhesive to bond wood blocks, expanded polystyrene and cork tiles to any surface - Tin sheds, Asbestos sheets waterproofing

Packaging: 25 kg pails

Dosage & Coverage:

1.6-1.8 kg/sqm in two coats. It may vary according to the condition of the surface.

MAK GUARD 2K

It is a 2 component acrylic modified cementitious coating that requires only onsite mixing, forming the ideal product to waterproof and insulate concrete, masonry and most other construction materials.

Uses & Application Areas:

Best suited for terrace, terrace gardens and treatment of old terraces

Packaging: 5Ltr + 7 Kg pack

Dosage & Coverage:

12 -15 sqmt / pack / 2 coats



MAK CRETE 2K SUPER

MAK Crete 2K Super is a pre – packed two component polymer modified cementitious coating, with high flexibility and bonding, which can be easily mixed on site to form a smooth slurry then applied with brush or roller. This coating cures to form highly elastomeric waterproofing membrane with excellent adhesion to cementitious surfaces. This should be applied onto damp substrates, internal and external wet areas. The cured membrane is highly flexible, durable and weather-resistant to most substrates.

Uses & Application Areas:

MAK Crete 2K is best suitable for the waterproofing of water retaining structures like potable water tanks, reservoirs, canals, culverts, etc. It is suitable for use in foundations, basements, sunken areas, terraces and parking deck.

Packaging: 5 Ltr + 15 Kg Pack

Dosage & Coverage:

4-5 sqmt /Pack in 1.5 mm thickness



MAK ELASTOCRYL K10

It is a single component, Liquid applied highly resilient waterproofing cum heat reflective system based on newly developed plasticised acrylic resin blended with heat reflective micro spheres. It cures on exposure to atmosphere and forms elastomeric seamless membrane.



Uses & Application Areas:

Best suited for terrace, terrace gardens and treatment of old terraces.

Packaging: 1, 5, 10 & 20 Kg

Dosage & Coverage:

2-2.5 sqmt / kg/ 2 coats

MAK SUPER MASTIC

Mak Super Mastic is high performance weather proofing mastic, that dries to form a tough impermeable coating on insulation material.

Uses & Application Areas:

- ◆As an impervious weatherproofing membrane
- ◆Useful on concrete and brick foundations, retaining walls and bridge abutments.
- ◆For protective coating over insulation systems

Packaging: 25kg pails

Dosage & Coverage:

1.2 – 1.5 Kg/sqmt to get the desired thickness of 1mm.



MAK CRYSTAL SEAL

Mak Crystal Seal is a crystalline waterproofing slurry for concrete substrates. It is very economic and easy to apply. Mak Crystal Seal becomes part of the concrete and creates a waterproof layer inside the concrete itself. It is especially strong against negative side water pressure. Mak Crystal Seal cures a lot faster than the current standard products eliminating the need for days of water curing and protection. Mak Crystal Seal creates a reactive layer inside the concrete that allows the structure to self-heal shrinkage cracks under contact with water. Mak Crystal Seal can be applied by brush, dry-shake or suitable spray equipment.



Uses & Application Areas:

- ◆Waterproofing of basements and below grade parking structures.
- ◆Waterproofing of potable water structures.
- ◆Protection of dams and spill-ways.
- ◆Waterproofing of sewage structures.
- ◆Waterproofing of tunnels and pipelines.
- ◆Slab waterproofing (dry shake application).
- ◆Waterproofing of elevator pits.

Packaging: 25 kg bucket

Dosage & Coverage:

For brush & spray application 1.5 kg/sqm and for dry shake application 1.2 kg/sqm

MAK FLEXIDRY HB2

Mak Flexi Dry HB2 is high performance water proofer that dries superfast to form a tough impermeable high build coating up to 2mm thickness. It is a blend of special grade bitumen emulsion with special catalyst for a superfast drying action.

Uses & Application Areas:

- ◆As an impervious waterproofing membrane
- ◆Useful on concrete and brick foundations, retaining walls and bridge abutments.
- ◆As a monolithic high build liquid membrane for podium areas, terraces/roofs & basements.

Packaging: 25kg pails

Dosage & Coverage:

1.5-2 Kg/sqm for 1.5-2mm thickness





Anti-Corrosive Pipeline Wrapping Tape

Our anticorrosive pipeline wrapping and coating systems include bituminous and coal tar based tapes and enamel coatings used for the protection of underground MS and GI pipelines from surface corrosion such as pipelines in facility projects of petroleum, petrochemical industry, city gas, oil and gas storage and transportation, power, water supply, metallurgy, civil aviation, etc.

MAK PRIMEKOTE

Mak Primekote is an adhesive primer specially designed for Mak Polykote applications. A low viscosity solution used for cold application, provides effective bonding between Pipe and Bituminous/ coal tar tape.

Uses & Application Areas:

Primer of bituminous / coal tar tape

Packaging: 20 L and 200 L

Dosage & Coverage:

1 L = 4-6 sqm per coat



MAK POLYKOTE

MAK POLYKOTE is an Anti Corrosive tape based on Coal Tar pitch or Bitumen and specifically designed to comply with the requirements of IS:15337-2003 and IS:10221-1982. It incorporates a centre core of high grade glass fibre tissue which lends mechanical strength, dimensional stability to the product. The centre core is laminated with 2 layers of coal tar or bitumen mix. The final product has a top and bottom layer of thermofusible HMHDPE Film. All the five layers are calendered together to create this revolutionary tape. MAK POLYKOTE also conforms to AWWA C203. It is available in 2mm, 3mm and 4mm thickness.



Uses & Application Areas:

It is for protection of buried MS pipes in the soil

Packaging: 4 inch, 6 inch, 8 inch, 10 inch, 1m wide; 10m long rolls

MAK EPOXY ZINC RICH PRIMER

Mak Epoxy Zinc Rich Primer is a two-component, high performance epoxy metallic zinc rich primer specially formulated for excellent corrosion resistance system. It contains 90% zinc on dry film

Uses & Application Areas:

For protection of steel in aggressive environment, such as shore and offshore structures, platforms, pipelines, refineries, petrochemical plants etc.

Packaging: 20 Ltrs.

Dosage & Coverage:

1 L = 10-12 sqm per coat



MAK COAL TAR EPOXY

MAK COAL TAR EPOXY is a two-component coal tar epoxy anti-corrosive protective coating



Uses & Application Areas:

- ◆ Buried steel pipelines.
- ◆ Concrete pipelines.
- ◆ Dams, Barrage gates, Penstocks, Crude oil storage tanks, Foundation walls and sumps, Concrete and Steel surfaces in sewage treatment plant.
- ◆ Total, partial or intermittent submerged structures such as piling, pontoons, jetties, dock gates etc.

Packaging: 20 kg

Dosage & Coverage:

1L = 5-6 Sqm in one coat



Sheet Membranes

Our sheet membranes are prefabricated membranes in roll form which are used to lay over various substrates as a layer of water-tight material. This layer is continuous after sealing of joints and does not allow water to pass through it. Our waterproofing membranes are strong, flexible, tear-resistant and elastic so that they can stretch to cover cracks and also move with the building and some variants are also UV stable.

MAK MEMBRANE HDPE-P

Mak Membrane HDPE-P is a unique membrane consisting of HDPE film with pressure sensitive adhesive which allows poured concrete to bond fully with the membrane. It provides water, water vapour and gas protection to water excluding structures and protects concrete from aggressive ground salts, chemicals and hydrocarbons. Mak Membrane HDPE-P is supplied with a self-adhesive selvedge along one side of the roll to provide sealed laps and a comprehensive range of auxiliary products to simplify the application process.



Uses & Application Areas:

Basement waterproofing protection to grades 1,2 and 3 as defined in BS8102:2009.

Packaging: 2m x 20 m roll with thickness of 1.2 mm & 1.5 mm

MAKFELT IS : 1322-1993

MAKFELT IS:1322-1993 is a bitumen felt consisting of a continuous sheet of Hessian base treated with Bitumen. The coatant i.e. the mixture of Bitumen as specified by I.S. specifications is uniformly applied. The resultant coated felt is given a superficial application of mineral mica powder to prevent the layer of the coated felt sticking together in the roll. This also gives useful protection against the effects of the sun and when laid on roofs, does not need further treatment.

Uses & Application Areas:

- ◆ Inverted roofs & Parapets
- ◆ Terrace, Balconies & Patios
- ◆ Concrete Foundation & Footings
- ◆ Roofing sheds

Packaging: Type 3 Grade 1 - 1 M X 20M X 46 KG, Type 3 Grade II - 1 M X 10M X 37 KG



MAKFELT IS7193-1994

MAKFELT IS:7193-1994 consists of a Glass Fibre tissue resin bonded mat treated/coated with bitumen. The coatant i.e. the mixture of bitumen and inert fillers as specified by IS specifications is uniformly applied. The resultant coated felt shall be given superficial application of mineral powder/mica to prevent the layer of the coated felt sticking together in the roll.



Uses & Application Areas:

- ◆ Inverted roofs & Parapets
- ◆ Terrace, Balconies & Patios
- ◆ Concrete Foundation & Footings
- ◆ Roofing sheds

Packaging: Type 2 Grade 1 - 1M X 20M X 36kg, Type 2 Grade 2 - 1M X 10M X 25kg

MAK POLYPLAST SAM-AL

Mak Polyplast SAM Self-Adhesive membranes are produced with special multilayer design with a glass fiber, polyester or HMHDPE plastic film reinforcement which is impregnated and coated on both sides with a uniquely formulated elastomeric bitumen compound, which provides high adhesive properties. Mak POLYPLAST SAM-AL is an excellent general purpose water proofing membrane. The reinforcements provide additional puncture resistance, tensile strength and tear resistance. The membranes are covered on their top surface with a 50micron Aluminium foil and on the underside with a siliconised release paper. This combination provides instant adhesion with high tear and puncture resistance and improved tensile strength. A top surfacing of Aluminium provides UV reflection thus protecting the membrane and providing some heat insulation.



Uses & Application Areas:

MAK POLYPLAST SAM-AL is used for waterproofing of terraces exposed to sunlight. It may be used on concrete roofs, metallic sheets, cement or asbestos sheets, etc.

Packaging: 1m x 15m rolls of 1mm, 1.5mm & 2mm thickness

MAK POLYPLAST REGULAR

Mak Polyplast Regular is a polymeric waterproofing membrane consisting of five layers. The Centre core consists of 20 micron High Molecular High Density Polyethylene Film. The Polyethylene Film is the reinforcement barrier against water and moisture. The Centre Core is provided on both sides with APP polymer modified bitumen with properties of high Softening point, Heat resistance and high Penetration making it ideal for waterproofing purposes. The polymer modified bitumen is protected on both sides with thermo-fusible High Molecular High Density Polyethylene Film. The polymeric membrane has elongation exceeding 300% to absorb all Structural movements. It has a very high tensile strength and cold resistivity to adapt to all contours.

Uses & Application Areas:

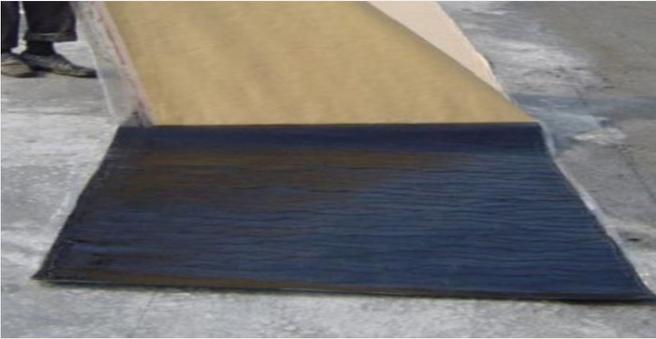
- ◆ Airport aprons & Ramp areas
- ◆ Bridges & Tunnels
- ◆ Inverted roofs & Parapets
- ◆ Terrace, Balconies & Patios
- ◆ Concrete Foundation & Footings
- ◆ Basement & Pile Heads
- ◆ Swimming Pools
- ◆ Water retaining bodies and tanks.

Packaging: 1x 20 m roll of 0.8mm, 1mm & 1.5 mm thick membrane



MAK POLYPLAST SAM-XL

Self-Adhesive membranes are produced with special multilayer design with a heavy duty lamination of cross laminated HDPE film over a layer of SBS modified bitumen and a silicon coated release liner on the adhesive side. Mak POLYPLAST SAM-XL is an excellent general purpose waterproofing membrane with high puncture resistance, tensile strength & tear resistance.



Uses & Application Areas:

It is the ideal for damp-proofing foundations, bridges, viaducts and tunnels, coaches etc. It is recommended for use as a protective shield against water and ice. Strips of various widths are used extensively for instant adhesion.

Packaging: 1m x 15m rolls of 1mm, 1.5mm & 2mm thickness

MAK POLYPLAST STANDARD

MAK POLYPLAST STANDARD is a polymeric waterproofing membrane consisting of five layers. The Centre Core incorporates 80-85 gsm Fiber Glass Tissue which lends mechanical strength and dimensional stability to the product. The Centre Core is provided on both sides with APP polymer modified bitumen with properties of high Softening point, Heat resistance and high Penetration making it ideal for waterproofing purposes. The polymer modified bitumen is protected on both sides with thermo-fusible High Molecular High Density Polyethylene Film.

Uses & Application Areas:

- ◆ Airport aprons & Ramp areas
- ◆ Bridges & Tunnels
- ◆ Inverted roofs & Parapets
- ◆ Terrace, Balconies & Patios
- ◆ Concrete Foundation & Footings
- ◆ Basement & Pile Heads
- ◆ Swimming Pools
- ◆ Water retaining bodies and tanks.

Packaging: 1x 10 m roll of 2mm, 3mm & 4mm thick membrane



MAK POLYPLAST SUPERLAY

MAK POLYPLAST SUPERLAY is a polymeric waterproofing membrane consisting of five layers. The Centre core consists of 160 gsm Non-Woven Polyester Mat. The Polyester Mat Film is the reinforcement barrier against water and moisture. The Centre Core is provided on both sides with SBS/APP polymer modified bitumen with properties of high Softening point, Heat resistance and high Penetration making it ideal for waterproofing purposes. The polymer-modified bitumen is protected on both sides with Thermo fusible High Molecular High Density Polyethylene Film. The polymeric membrane has elongation exceeding 40% to absorb all Structural movements. It has a very high tensile strength and cold resistivity to adapt to all contours.



Uses & Application Areas:

- ◆ Airport aprons & Ramp areas
- ◆ Bridges & Tunnels
- ◆ Inverted roofs & Parapets
- ◆ Terrace, Balconies & Patios
- ◆ Concrete Foundation & Footings
- ◆ Basement & Pile Heads
- ◆ Swimming Pools
- ◆ Water retaining bodies and tanks.

Packaging: 1x 10 m roll of 2mm, 3mm & 4 mm thick membrane

MAK POLYPLAST GEOLAY

MAKPOLYPLAST GEOLAY is a polymeric waterproofing membrane consisting of five layers. The Centre core consists of 160 gsm Non Woven Polyester Mat. The Polyester Mat Film is the reinforcement barrier against water and moisture. The Centre Core is provided on both sides with SBS/APP polymer modified bitumen with properties of high Softening point, Heat resistance and high Penetration making it ideal for waterproofing purposes. The polymer-modified bitumen is protected on one side with High Molecular High Density Polyethylene Film and on the other side with Geotextile of 120gsm. The polymeric membrane has elongation exceeding 40% to absorb all Structural movements. It has a very high tensile strength and cold resistivity to adapt to all contours.

Uses & Application Areas:

For covered roof, covered podium slab, raft & retaining wall treatment

Packaging: 1x 10 m roll of 2mm, 3mm & 4mm thick membrane



MAK POLYPLAST SUPERLAY (Mineral Finish)

MAK POLYPLAST SUPERLAY is a polymeric waterproofing membrane consisting of five layers. The Centre core consists of 160 gsm/sqm Non-Woven Polyester Mat. The Polyester Mat Film is the reinforcement barrier against water and moisture. The Centre Core is provided on both sides with SBS/APP polymer modified bitumen with properties of high Softening point, Heat resistance and high Penetration making it ideal for waterproofing purposes. The polymer-modified bitumen is protected on one side with Thermo fusible High Molecular High Density Polyethylene Film and UV-resistant mineral granules on the other side. The polymeric membrane has elongation exceeding 60% to absorb all Structural movements. It has a very high tensile strength and cold resistivity to adapt to all contours.



Uses/ Application Areas

- ◆ Low slope concrete roofs
- ◆ Balconies
- ◆ Multi-storied car parks
- ◆ Tunnel
- ◆ For lining sewerage canals, sub grade structures and any concrete or cementitious flat surface that needs waterproofing.

Packaging: 1x 10 m roll of 3mm & 4 mm thick membrane



Bituminous Compounds and Primers

Bitumen primer is used to prime and seal a number of surfaces, including concrete, masonry and timber surfaces, before the application of torch on membranes and bitumen coatings.



MAK PRIMER

A low viscosity bituminous solution. It is highly penetrative and has good adhesion to most surfaces. Bituminous Primer for cold application complies to IS: 3384-1986 and BS 4147-1980. It is also used as an anticorrosive coating for all types of substrates.



Uses & Application Areas:

It is used for priming APP modified bituminous membrane, self-adhesive bituminous membrane, bituminous sealing compound and bituminous putty etc.

Packaging: 20 L drum

Dosage & Coverage:

1 L = 3-4 sqm per coat (depending on surface roughness)

MAK BOND

MAK BOND is a cold applied adhesive for fixing roofing felts and other insulating material on various surfaces. Mak Bond is recommended where the use of hot bitumen is either difficult or is prohibited.

Uses & Application Areas:

Makbond is ready to use and is recommended for sticking roofing felts on concrete, masonry, timber, asbestos, tiles and metal surface. Mak Bond is ideal for sticking waterproofing felts to roofs of railway coaches and buses.

Packaging: 20 kg

Dosage & Coverage:

1.2 to 1.4 kg per sqm



MAK FILL BOARD

MAK FILL BOARDS consist of a fibre board impregnated with bituminous materials to render it durable and waterproof. It is easily compressible and possesses a high degree of recovery after compression is released & ensuring that no free space develops in the expansion joint.



Uses & Application Areas:

Expansion joint filling in the construction of road, runways and buildings, involving the casting of concrete in slab form.

Packaging: 4 ft x 4 ft - 12mm, 18mm and 25mm thickness

MAK PLAST

Mak Plast is cold applied bituminous compound consist of bitumen, resinous oils and suitable fillers to form a smooth and homogenous paste in compliance with IS: 1580- 1989. It is available in putty form.

Uses & Application Areas:

Mak Plast is recommended for joint sealing or crack sealing of porous masonry, concrete floors, wall and roof. Mak Plast is used for caulking purpose for crevices and vertical joints between plates, folded sections, wood joints etc. Mak Plast can be applied with trowel or spatula.

Packaging: 20kg

Dosage & Coverage:

Varies based on site requirements



MAK MASTIC

Mak Mastic is a general purpose bituminous anticorrosive compound.



Uses & Application Areas:

It is suitable for coating inside the water tanks, drums and other such applications.

Packaging: 1L, 4L & 20L containers

Dosage & Coverage:

8-10 sqm per L depending upon the surface quality

MAK SEALING COMPOUND

Grade A: It is an ideal hot pour sealing compound. It is designed to be specially rubberised to withstand cracking besides having good adhesion to concrete it is also durable & is not affected by temperature changes.

Grade B: It is unaffected by petrol spillage especially jet fuel. It is therefore recommended for use in garages, filling stations etc., where there is spillage of petrol, oil and grease.

Uses & Application Areas:

It is used for sealing expansion, construction, contraction & dummy joints in roads, runways, buildings, concrete pavements, garages, etc.

Packaging: 20kg & 200kg containers

Dosage & Coverage:

Varies based on site requirements



MAK KOTE

It is an emulsion of selected grade of Bitumen with Fibre and Fillers. Mak Kote gives a coating, which when set, is impermeable to water and remains unaffected by attacks of industrial fumes, salty atmosphere etc. it resists low temperature cracking and also does not crack under the influence of strong sunlight.



Uses & Application Areas:

In application where heating of Bitumen at site is not possible, and where handicaps of wet surfaces have to be overcome, waterproofing can be done by using Mak Kote. The application of this product forms a tough surface within 24 hours (depending upon climatic conditions) and renders adequate protection against moisture and accidental damage. Because of its plasticity, it can resist cracking caused by movements or temperature changes. It is an ideal and economic method of providing long term protection to exposed insulation besides preventing steam losses.

Packaging: 20 L drum

Dosage & Coverage:

After priming, apply coat slightly diluted (Add 10% water max.) @ 1.5kg/sqm

MAK ANTI STRIPPING COMPOUND

MAK ANTI-STRIPPING COMPOUND is a fatty acid, amine surfactant designed to promote adhesion between cover aggregates and bitumen binders, also a performance-improving additive for an asphalt mix that provides mix moisture damage resistance and reduces stripping of asphalt from the aggregate surface.

Uses & Application Areas:

- ◆ In road construction for surface dressing, built up spray grout
- ◆ Effective in high rainfall regions, areas with poor bitumen-aggregate bonding and poor drainage system.
- ◆ It covers bituminous surfacing like dense and semi-dense asphalt concrete, open grade premix carpet etc.
- ◆ It is also compatible with mineralogy like marbles, sandstone, basalt, limestone, recycled asphalt pavement, etc.

Packaging: 20kg, 200kg containers

Dosage & Coverage:

0.25% to 0.75% of weight of asphalt



MAK BLOWN BITUMEN

Mak Blown bitumen is manufactured from bitumen 60/70 by blowing asphalt. We are providing Blown Asphalt in various grades including BITUMEN 150/5 115/15 105/35 95/25 90/40 90/10 90/15 85/25 85/40 85/25 75/25 hard bitumen or hot liquid in bulk.



Uses & Application Areas:

Oxidized bitumen can also be used in industrial applications like roofing, flooring, mastics, pipe coatings, electrical applications.

Packaging: 20kg bags, 140kg drums

Dosage & Coverage:

Varies based on site requirements

MAK SILVER

Mak Silver is a cold applied highly reflective bitumen base aluminium coating.

Uses & Application Areas:

MAK SILVER is used to protect and beautify smooth asphalt roofs from U.V. Rays. Used to protect metal structure as it is an antirust and corrosion coating. Used on asphalt roofs, metal roofs, metal walls, masonry walls etc. to reflect sunrays in order to reduce air-conditioning costs in summer.

Packaging: 20 L drum

Dosage & Coverage:

8-10m² Per Litre on metal, wood or bituminous surfaces. Consumption on rough surface would be about 6-10m²



MAK PME 105

Mak PME – 105 Polymer modified bitumen emulsion is part of a special class of bituminous emulsions that shows improved rheological properties of the residue after breaking.



Uses/ Application Areas

Chip seals and as micro-surfacing for heavily trafficked pavements. Polymer modified bitumen emulsions are recommended for all emulsion applications.

Packaging: 200kg containers

Dosage & Coverage:

Varies based on site requirements

MAK PREMIX

Mak Premix is an instant road repair compound which is manufactured with a blend of bitumen, aggregates & high grade polymers to ensure immediate bonding with surface.

Uses & Application Areas:

Repair of heavily trafficked road and airfield pavements using conventional materials and procedures is difficult, inconvenient to user and generally not very satisfactory. For such locations, ready to use patching materials to up-keep pavement traffic worthy, are essential.

Packaging: 25kg and 50kg bags

Dosage & Coverage:

25kg bag gives 17mm thickness in 1m x 1m sq



MAK EMULSION

Mak Emulsion – The oil in water type emulsion conforms to IS: 8887 – 1978. Latest Technology makes it ideal for road and other applications in cold state. Mak Emulsion in different grades and types is tailor made to meet different design and working requirements it also has certain exclusive applications where bitumen cannot be used.



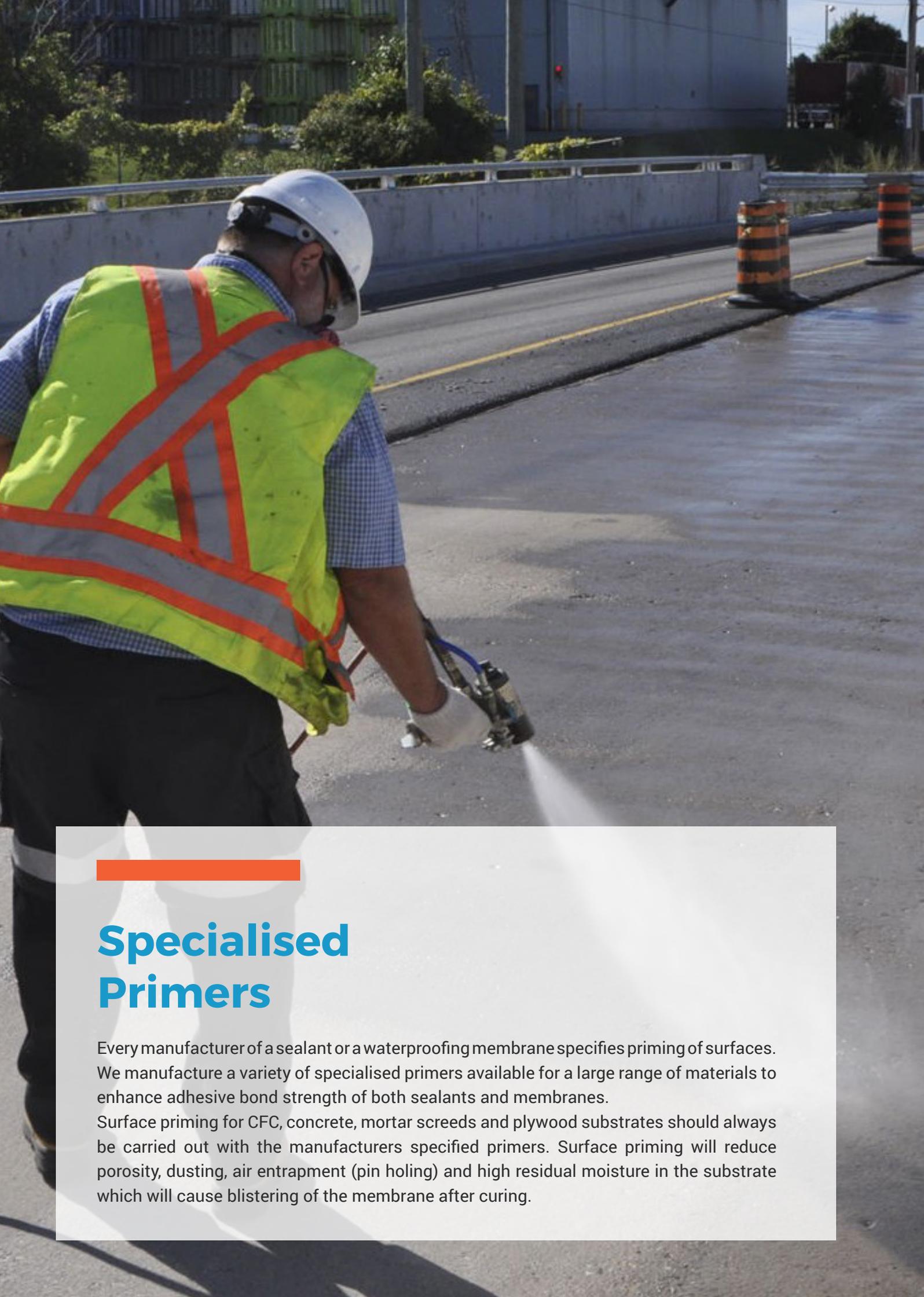
Uses & Application Areas:

Tack coat, Primer coat, Liquid seal coat, Penetration Macadam, Built up spray grout, dust binding, patching mixes

Packaging: 200kg containers

Dosage & Coverage:

Varies based on site requirements



Specialised Primers

Every manufacturer of a sealant or a waterproofing membrane specifies priming of surfaces. We manufacture a variety of specialised primers available for a large range of materials to enhance adhesive bond strength of both sealants and membranes.

Surface priming for CFC, concrete, mortar screeds and plywood substrates should always be carried out with the manufacturers specified primers. Surface priming will reduce porosity, dusting, air entrapment (pin holing) and high residual moisture in the substrate which will cause blistering of the membrane after curing.

MAK PRIMECRYL

It is a deep impregnating primer designed by blending special grades of polymers with synthetic binders. Its deep impregnating action and low viscosity helps it to attain better bonding with highly porous cementitious substrates



Uses & Application Areas:

A universal primer for all sorts of cementitious and masonry substrates

Packaging: 20, 50 & 200 Kg

Dosage & Coverage:

5-7 sqmt/Kg/ Coat

MAK PRIME CH9

It is an impermeable chemical admixture specially designed for Concrete and mortar that when blended with cement and water, acts as a highly efficient water proofing compound.

Uses & Application Areas:

Best suited as a primer for all sorts of water based waterproofing systems. It gives the concrete surface a good profile and makes it absolutely dirt free.

Packaging: 1 & 20 Kg

Dosage & Coverage:

1 Kg per bag of cement



MAK COOLPRIME

It is a general purpose paint primer for exterior and interior modified with glass bubbles to give heat insulating properties.



Uses & Application Areas

Best suited to prime interior and exterior walls before painting.

Packaging: 1, 5 & 20 Kg

Dosage & Coverage:

4 - 5 sqmt / Kg / Coat

MAK PU PRIMER

Polymerized antiroot primer for polyurethane coatings.

Uses & Application Areas:

- ◆ Priming for polyurethane coatings application
- ◆ Concrete roofs, terraces, terrace gardens, balconies, sheet roofs, etc.

Packaging: 20 Ltr drums

Dosage & Coverage:

1 LTR = 3-4 sqm per coat (depending on surface roughness)



MAK POLYPRIMER

MAK Poly Primer is a clear, single pack, moisture cure polyurethane coating, with excellent penetrating properties. MAK Poly Primer is a single component adhesion promoter primer and sealer for use where toughness, chemical resistance, fast curing, and printability are required.



Uses & Application Areas:

- ◆ Priming concrete, wood, rubber, etc. for fiberglass, PVC, polysulphide and polyurethane application
- ◆ Sealing porous surfaces

Packaging: 20 Ltr drums

Dosage & Coverage:

1 LTR = 6-8 sqm per coat (depending on surface roughness)



Sealants And Injection Grouts

Sealant is a material which is used to seal the joints between materials such as concrete, glass, aluminum, masonry wall etc. In general joints are provided in the structures to prevent the damage produced by stresses.

MAK SEALING COMPOUND

Grade A: It is an ideal hot pour Sealing Compound rubberised to withstand cracking besides having good adhesion to concrete it is also durable and is not affected by temperature changes. Grade B: It is unaffected by petrol spillage especially jet fuel. It is therefore recommended for use in garages, filling stations etc., where there is spillage of petrol, oil and grease.



Uses & Application Areas:

It is used for sealing expansion, construction, contraction & dummy joints in roads, runways, buildings, concrete pavements, garages, etc.

Packaging: 20kg & 200kg containers

Dosage & Coverage:

Varies based on site requirements

MAK POLYGROUT

Low viscous, single component, hydrophilic, MDI-based, polyurethane injection resin without catalyst. It only reacts with water and forms a flexible polyurethane seal.

Uses & Application Areas:

Water sealing of cracks in walls, floors, concrete constructions, rock pockets, Also, used as a waterstop for the sealing of leakages and water penetration.

Packaging: 20kg containers

Dosage & Coverage:

Varies based on site requirement



MAK TURBO GROUT

MAK TURBO GROUT is an admixture for cementitious grouts where reduced water/cement ratio and positive expansions are required.



Uses & Application Areas:

This product can be used for grouting of :

- ◆ Pre-stressed cable ducts
- ◆ Rock and soil anchoring
- ◆ Pre-placed aggregates
- ◆ Tunnel linings/ Concrete Slabs

Packaging: 200 gm pouches

Dosage & Coverage:

0.4% to 1% by weight of cement. Minimum 200gm pouch to be mixed with one 50 kg bag of cement.

MAK PU SEAL

MAK PU Seal is a one-part Polyurethane Sealant composed of polyurethane polymer, pigment, filler & additives. It is used for filling and sealing joints in buildings & structures.



Uses & Application Areas:

- ◆ Sealing of expansion and construction joints as well as joints between different construction materials in high-rise buildings, basements etc.
- ◆ Sealing joints between concrete panels
- ◆ Repairing of non-moving concrete Cracks and control widths
- ◆ Sealing Joints in between tiles, bricks, and marble etc.
- ◆ Sealing joints of metal container finishing
- ◆ Perimeter pointing & curtain wall ceiling

Packaging: 600ml sausages

Dosage & Coverage:

Varies based on expansion joint sizes

MAK POLYSEAL

Mak Poly Seal is a two pack Polysulphide based Sealant with two available grades. After mixing two packs, mixed material provides a strong & highly elastic sealant through cross linking process.

Uses & Application Areas:

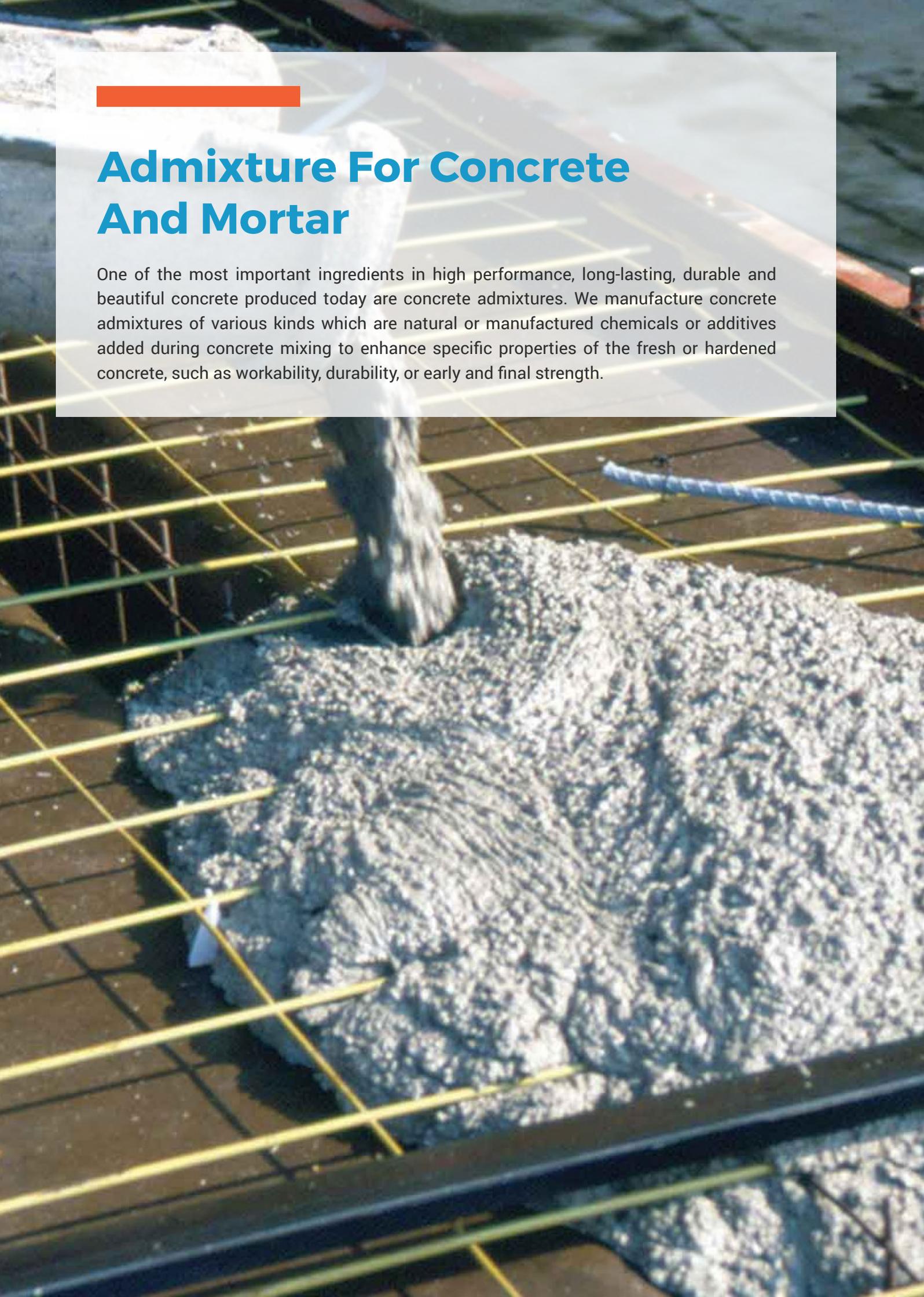
Mak Poly Seal - Gun Grade is used both in vertical and inclined expansion and contraction joints in all types of building and civil engineering constructions such as Retaining Walls, Water Retaining Structures, Underpasses, and Tunnels, Basements, Precast Concrete Elements, Bridges, High and Low rise buildings and wherever a permanently flexible seal is required. Mak Poly Seal – Pour Grade is designed specially for runways, subways, rigid pavements etc. i.e. for horizontal expansion/contraction joints.

Packaging: 1kg and 4kg containers

Dosage & Coverage:

Varies based on expansion joint sizes





Admixture For Concrete And Mortar

One of the most important ingredients in high performance, long-lasting, durable and beautiful concrete produced today are concrete admixtures. We manufacture concrete admixtures of various kinds which are natural or manufactured chemicals or additives added during concrete mixing to enhance specific properties of the fresh or hardened concrete, such as workability, durability, or early and final strength.

MAK PLAST LW+

MAK PLAST LW+ is a liquid integral waterproofing concrete and mortar admixture formulated with highly purified Lignosulphonate and a catalyst which promotes rapid hydration of cement.



Uses & Application Areas:

It is used to, minimize permeability and increase waterproofing properties of concrete and cement sand mortar for applications like roof, slabs, screeds and external plastering etc.

Packaging: 1kg, 5kg, 10kg, 20kg

Dosage & Coverage:

200gm per 50 kg bag of cement

MAK PLAST ACL

It is a ready-to-use, liquid admixture formulated to accelerate time of setting and to increase early concrete strengths. It does not contain any calcium chloride. It is a non-chloride strength/hardening accelerator formulated to increase the early strength of concrete without affecting the initial workability.

Uses & Application Areas:

As an accelerator for cement tile and pipe industry for early de-shuttering.

Packaging: 50 & 220 Kg Drums

Dosage & Coverage:

Varies from 200 -500 Gm per bag of cement depending upon the mix design



MAK PLAST SP 105P

SP 105 is an accelerating admixture for use in concrete and Portland cement. NEPTUNE SP 105 is a ready to use liquid. It decreases setting time in general and specially under cold weather, leading to early high and ultimate increased strength. In addition, it reduces bleeding and segregation, and improves workability.



Uses & Application Areas:

SP 105 admixture will accelerate concrete including precast / pre-stressed and post-tensioned applications. NEPTUNE SP 105 Admixture is recommended for use in road repair, slabs, floors, and other concrete applications requiring high early and ultimate strength.

Packaging: 10, 20, 50 & 200 Ltr Pails.

Dosage & Coverage:

SP 105 can be used from 2.0 to 5.0Litres/ m³ of concrete, depending upon the acceleration desired.

MAK PLAST SP 106

SP 106 is a ready to use aqueous solution of modified Naptha and organic salts. It is designed to produce the highest compressive, flexural and tensile strength of concrete by means of water reduction and through control of the cement hydration.

Uses & Application Areas:

It makes a workable mix with upto 10-15% less water and gives a stronger, less permeable, durable concrete. It is used in ready mix plants, block and concrete product plants, light weight and pre stressed works and pavers.

Packaging: 10, 20, 50 & 200 Ltr Pails.

Dosage & Coverage:

Dosage of MAKPLAST SP 106 can vary from 0.600 Ltr -1 Ltr per 100 kg Cement, depending upon job condition and requirement of work.



MAK PLAST SP - PC 30

SP – PC 30 is a high performance polycarboxylate based super plasticiser and a new type high range water reducing admixture for high performance concrete. It is designed to provide good workability without segregation in concrete. It is free of chloride and low alkali. It is compatible with all types of cement.



Uses & Application Areas:

- ◆Pre cast and pre stressed concrete.
- ◆Production of rheodynamic concrete.
- ◆A general plasticiser for high performance durable concrete.

Packaging: 10, 20, 50 & 200 Ltr Pails.

Dosage & Coverage:

SP – PC 30 has a recommended dosage range of 400 ml – 1 Ltr per bag of cement. But the dosage rate will vary according to concrete materials used, ambient conditions and the specific requirements of concrete.

MAK PLAST SP - PC 301

SP – PC 301 is a new generation superplasticizer – high range water reducer, based on modified polycarboxylate. It is especially recommended for concrete requiring high early age and long term strengths, whilst maintaining the workability. It produces high quality pumpable concrete. The mechanical strength of flowing concrete is not changed when using it.



Uses & Application Areas:

As the particles are highly dispersed, the hydration of the binder is enhanced, resulting in a substantial water reduction and an increase in both early age & ultimate compressive strength of over 30%. It is best suitable for all sorts of Precast and Prestressed concrete.

Packaging: 50 & 220 Kg Drums

Dosage & Coverage:

It has a recommended dosage range of 300 ml – 1.5 Ltr per bag of cement. But the dosage rate will vary according to concrete materials used, ambient conditions and the specific requirements of concrete.

MAK PLAST SP-PC 302

It is a new generation superplasticizer – high range water reducer, based on modified polycarboxylate. It is especially recommended for concrete requiring high early age and long term strengths, whilst maintaining the workability. It enables the production of concrete with very low W/C ratios.

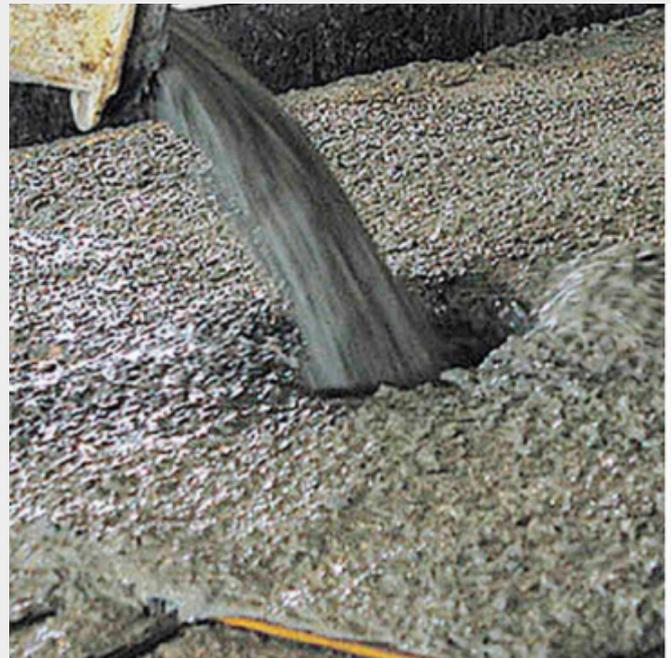
Uses & Application Areas:

- ◆ Recommended for all concrete mixes where water content, improved cementitious material performance, accelerated set times, reduced curing costs and very high early strengths characteristics are desirable.
- ◆ Dramatically increases early compressive and flexural strengths without detriment to ultimate strengths.

Packaging: 50 and 200 Ltr Pails

Dosage & Coverage:

It has a recommended dosage range of 200 ml – 1.2 Ltr per bag of cement. But the dosage rate will vary according to concrete materials used, ambient conditions and the specific requirements of concrete





Powder Products

We manufacture a range of drymix powder based products where just water in a certain amount needs to be added to the product on site to make it ready to use. The tile adhesive, tile grouts, ready mix mortars and repair mortars have high strength, flexibility and adhesion characteristics. Crystalline coating and admixtures have superior waterproofing characteristics. Other powder products include floor hardener, non shrink grout, etc.



MAK TILE FIX

It is modified cementitious dry composition to be used as tile adhesive for fixing all types of tiles and stones.



Uses & Application Areas:

Different grades available for different tile and stone fixing needs

Packaging: 20 & 50 Kg

Dosage & Coverage:

Appx. 5 Kg psqmt in 5 mm thickness

MAK TILE-O-GROUT

A high quality fine, polymer modified, water resistant cement based powder grout designed for grouting all types of tile joints. Available in different colors.

Uses & Application Areas:

Tile joint grouting

Packaging: 1 Kg

Dosage & Coverage:

Appx. 45-50 rmt/Kg of joint size 3mm x 5mm



MAK BLOCK FIX 51

It is a thin bed mortar for fixing of concrete / AAC blocks. It is a replacement to conventional mortar with better strength and adhesion.



Uses & Application Areas:

For fixing AAC blocks

Packaging: 20 & 50 Kg

Dosage & Coverage:

50-75 sqft in 3-5 mm with 20 kg bag

MAK SEAL PLAST 501

It is a premixed ready to use cement mortar for internal and external use. It has strong adhesion with good crack bridging.

Uses & Application Areas:

For exterior and interior plaster works

Packaging: 50 Kg

Dosage & Coverage:

6-8 sqft in 10-12mm thickness with 50 kg bag



MAK SPREAD HARD 601

Mak Spread Hard 601 is a non metallic floor hardener which contains specially graded non metallic hard wearing natural aggregates.



Uses & Application Areas:

Applied as a dry shake for industrial floor hardening.

Packaging: 20 & 50 Kg

Dosage & Coverage:

5-7 Kg / sqmt

MAK CRYSTAL SEAL

Mak Crystal Seal is a crystalline waterproofing slurry for concrete substrates. It is very economic and easy to apply. Mak Crystal Seal becomes part of the concrete and creates a waterproof layer inside the concrete itself. It is especially strong against negative.

Uses/ Application Areas

- ◆Waterproofing of basements and below grade parking structures. Waterproofing of potable water structures.
- ◆Waterproofing of tunnels and pipelines.

Packaging: 20 Kg

Dosage & Coverage:

1-1.5 Kg psqmt



MAK CRYSTAL SEAL ADMIX

Mak Crystal Seal Admix is a crystalline waterproofing admixture for concrete. It is very economic and easy to apply. Mak Crystal Seal Admix creates a crystalline structure inside the concrete reducing the amount and diameter of the capillary pores. It is especially strong against negative water pressure.



Uses & Application Areas:

For waterproofing of all types of water retaining structures including water tanks, swimming pools, lift pits, basements etc.

Packaging: 20 Kg

Dosage & Coverage:

1-3% of volume of cement

MAK CRACK-O-FILL

Mak Crack-O-Fill is a single component modified cement based filler material to be used for filling of cracks/ Voids and making covings before waterproofing treatments.



Uses & Application Areas:

- ◆To seal crack up to 5-10 mm wide.
- ◆To make coving on all junctions.

Packaging: 1kg & 25 kg packs

Dosage & Coverage:

Varies as per site requirements

MAK TURBO GROUT

Mak Turbo Grout is an admixture for cementitious grouts where reduced water/cement ratio and positive expansions are required.

Uses & Application Areas:

This product can be used for grouting of :

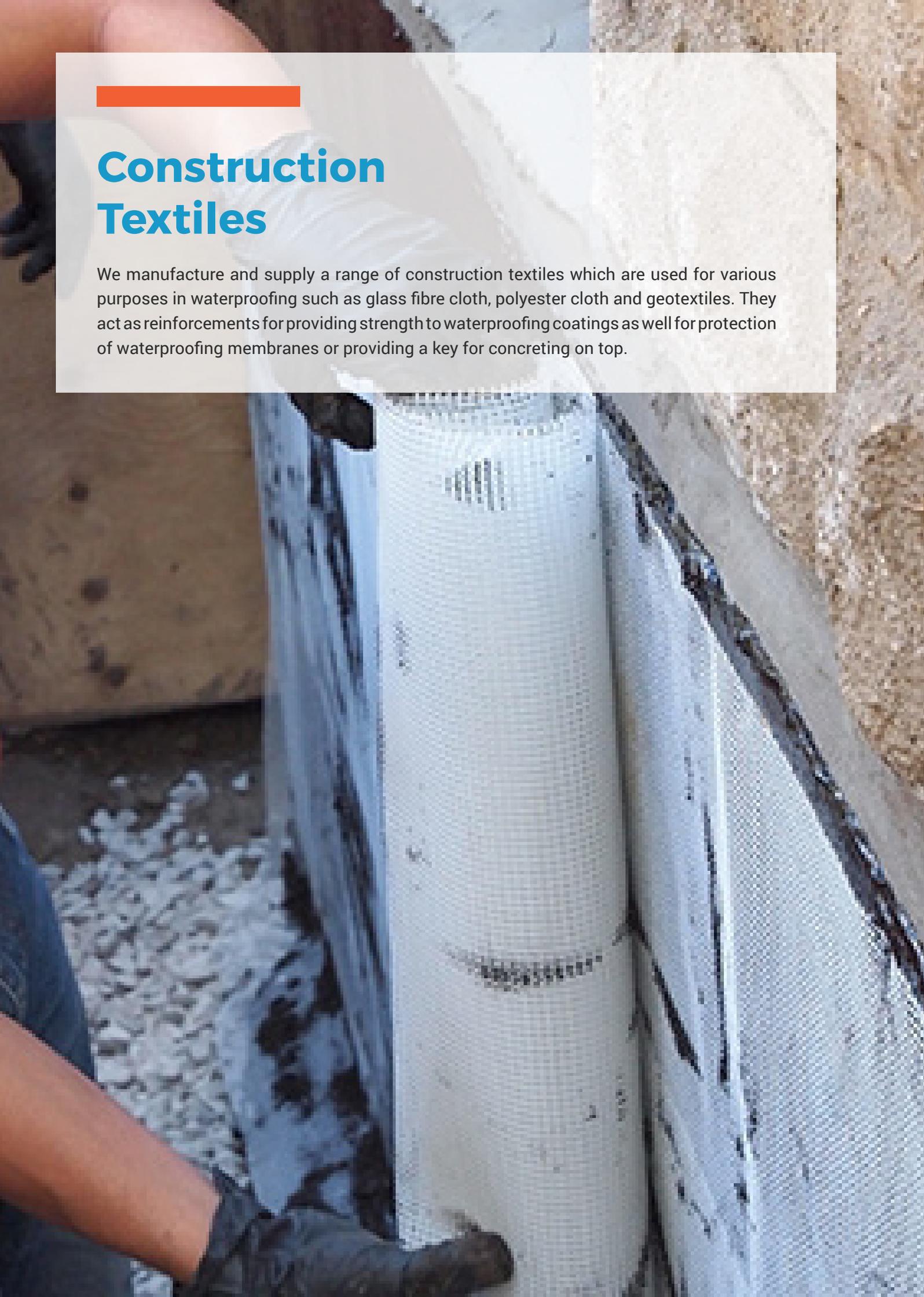
- ◆Pre-stressed cable ducts
- ◆Rock and soil anchoring
- ◆Pre-placed aggregates
- ◆Tunnel linings/ Concrete Slabs

Packaging: 200 gm pouches

Dosage & Coverage:

0.4% to 1% by weight of cement. Minimum 200gm pouch to be mixed with one 50 kg bag of cement.





Construction Textiles

We manufacture and supply a range of construction textiles which are used for various purposes in waterproofing such as glass fibre cloth, polyester cloth and geotextiles. They act as reinforcements for providing strength to waterproofing coatings as well for protection of waterproofing membranes or providing a key for concreting on top.

MAK GEOTEX

Mak Geotex is a nonwoven, staple, needle punched, geotextile fabric offering a strong, yet lightweight protection, which will stand up to the rigors of construction activities.



Uses & Application Areas:

- ◆ Protection of waterproofing membranes during backfilling.
- ◆ Protection of waterproofing membrane from damage by other trades, during construction.
- ◆ Acting as a drainage fabric to shed water from the waterproofing membrane.
- ◆ Acting as a slip sheet (isolation layer) between the waterproofing membranes and concrete topping.

Packaging: 2m x 50m rolls; can be made available in custom sizes

MAK POLYSCRIM CLOTH

Mak Polyscrim Cloth is a light weight flexible and elastic reinforcement made with a polypropylene scrim for use with polyurethane and acrylic based waterproofing coating systems.

Uses & Application Areas:

- ◆ Used as reinforcement with MAK ELASTOTHANE EMB, MAK ELASTOTHANE EMA, MAK ELASTOCRYL EMB, MAK ELASTOCRYL EMW or equivalent
- ◆ It may be used on all surfaces likely to crack (angles, junctions, etc.)

Packaging: 1m x 200m rolls; can be made available in customer sizes



MAK FIBER MESH

Mak Fiber Mesh is a fiberglass mesh used for reinforcement in waterproofing coatings, especially on surface with multiple cracks for imparting strength to the waterproofing membrane.



Uses & Application Areas:

- ◆ Used as reinforcement layer in all types of liquid membranes and cementitious waterproofing coatings
- ◆ Used as reinforcement in wall plasters
- ◆ Used for strengthening all surfaces which are likely to crack

Packaging: 1m x 50m rolls



MAKPHALT

Protecting Nation's Infrastructure
by M.K. PETRO PRODUCTS

GET RID OF EFFLORESCENCE (SHORA) WITH INSTA WALLGUARD



Before

After



OUR PRODUCT RANGE



WATERPROOFING



HEAT INSULATION



WALL CARE



TILE INSTALLATION



SEALANTS



CONCRETE
ADMIXTURES



ROAD
REPAIR



CONSTRUCTION
ADHESIVES



CONCRETE
REPAIR



PIPELINE
WRAPPING



MAKPHALT
Protecting Nation's Infrastructure
by M.K. PETRO PRODUCTS

MAKPHALT GOLD CLASS

A WORLD-CLASS GOLD STANDARD WATERPROOFING
SYSTEM WITH COMPREHENSIVE WARRANTY
FOR PODIUMS & TERRACES



15 years
guarantee



Triple layer
protection



Flexible
waterproofing



Aesthetically
pleasing



End to
end Solution



M.K. Petro Products India Pvt. Ltd.

(An ISO 9001 Certified Company)



MAKPHALT

Protecting Nation's Infrastructure
by M.K. PETRO PRODUCTS



M.K. PETRO PRODUCTS INDIA PVT. LTD

Work Address: Village Mujeri Road, Bal-labgarh, Faridabad, Haryana - 121004

Head Office Address: 180-C, Jeevan Nagar, Near Ashram Chowk, New Delhi - 110014

Toll-free: 1800-103-9664

Website: www.makphalt.com

Email: Info@makphalt.com

