



### Robust Architectural Sturdy

Flagbearer of the Robust Building Movement in the Country







### Thermax

Thermax is a leading conglomerate in the energy and environment space, a trusted partner in energy transition. Thermax's extensive portfolio includes clean air, clean energy, clean water and chemicals coupled with digital solutions. Backed by its longstanding industry partnerships across multiple sectors, Thermax has cultivated strong expertise in audit, consulting, execution, and maintenance, ensuring a unified energy and environment management experience. Leveraging its distinctive engineering capabilities, Thermax converts costs to profits while protecting the environment - a win-win for the industry and society at large.



### Vision

To be a globally respected high-performance organisation offering sustainable solutions in energy and the environment sector.





### Values

Respect Commitment Honesty Integrity Concern for Society and the Environment





### **Ethos**

Our business ethos is rooted in good governance. We respect and balance the interests of our diverse stakeholders.





#### **Industrial Products**

- Air Pollution Control
- Cooling
- Process Heating
- Steam Engineering Solutions
- Water and Waste Solutions
- Specialised Services

#### **Green Solutions**

- Build-Own-Operate
- Green Hydrogen Projects
- Renewable Energy (Solar/Wind)

#### **Industrial Infra**

- Boilers and Fired Heaters
- Projects and Energy Solutions
- Specialised Services

#### Chemicals

- Construction Chemicals
- Ion Exchange Resins
- Oil Field Chemicals
- Performance Chemicals

### Thermax CHEMICAL DIVISION

Thermax's Chemical Division manufactures and markets a wide range of specialty chemicals that help to improve processes and product performance across a spectrum of industries. Asia's leading manufacturer and exporter of Tulsion<sup>®</sup> brand ion exchange resins and a pioneer in the field of fuel and water treatment chemicals, Thermax also supplies oil field



chemicals and construction chemicals. Powered by technological expertise and capabilities honed over four decades and backed by a strong dealer network, the chemical division serves customers across the globe and supports the entire range of Thermax's energy and environment businesses.

### Thermax **MANUFACTURING UNIT**

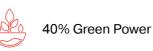
At Thermax, our manufacturing unit for construction chemicals stands at the forefront of technological innovation and environmental stewardship. Leveraging state-of-the-art technologies, we design and produce advanced construction chemicals that meet the highest standards of performance and sustainability. Our facility employs cutting-edge processes that minimise waste and energy consumption, ensuring that our products not only enhance construction efficiency but also contribute to a greener planet. By integrating eco-friendly practices into every stage of production, from raw material sourcing to final product testing, we are committed to delivering solutions that support both durable infrastructure and a healthier environment.



### Driven by Responsibility **DEFINING TOMORROW**



We acknowledge our responsibility of preserving our planet for present and future generations. Through mindful actions, we have been continuously working on developing innovative solutions and improving our processes for a sustainable energy future, contributing to our success.





Use of Solar Power/ **Renewable Energy** 

Rain Water Harvesting

#### OUR INDUSTRY CERTIFICATIONS AND PARTNERSHIPS







IGBC Membership

Responsible Care

ISO 14001





Kosher

Certified

Chemicals





GreenPro for Maxtreat<sup>®</sup>

REACH Compliance

Single-Use Plastic Zone



Initiatives to **Reduce Carbon** Footprint



ISO 9001



ESG Registered



ISO 45001



Indian Chemica Council Membership







Repair and Rehabilitation



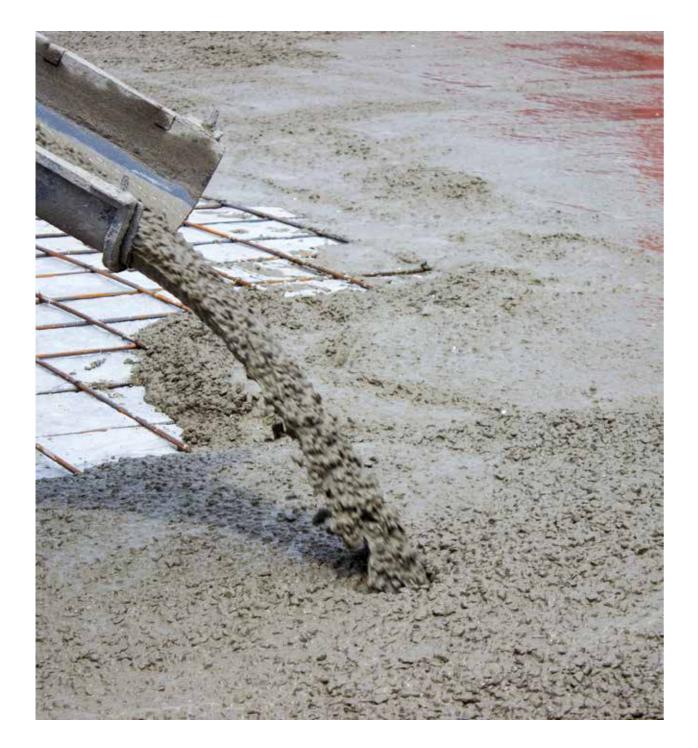
Grouts & Anchors



Flooring

# CONCRETE ADMIXTURES

Thermax offers a complete range of admixtures including plasticisers, superplasticisers, air entrainer, accelerators, retarders and other specialty admixtures. The Tecnos<sup>®</sup>, a range of admixtures from Thermax helps produce high strength, high workability and enhanced durability in concrete.



	Product	Description	Uses
	Plasticisers		
	TECNOS® RP	Water reducing cum retarding plasticiser. Conforms to IS: 9103-99 and complies with ASTM C 494 Type D	Used when c and placing o e.g. towers, rise building concrete, us shutters, tun offshore con
	PLASTARD 10	Water reducing cum waterproofing admixture. Conforms to IS : 9103-99 and complies with IS : 2645-2003 & ASTM C494 Type A	Typically use good quality improved cer thereby achie
	PLASTARD 18 PJ	Retarding and water reducing admixture. Conforms to IS: 9103- 99. Also complies with ASTM C 494 Type D	Placing of co chimneys, hig using slip for tunnels/shaft construction
	ACCELERATOR NT	Non-chloride accelerating admixture. Complies with IS : 9103-99, BS 5075 Part 1 and ASTM C494 Type C	Early demoul concrete sec placed in colo conditions ar concrete for
	TECNOS™ 106 SD	Optimum performer, cement saver in manufacturing of concrete blocks	Used to redu by reduction loss of streng strength with cement
	WAREP 1000/L	Integral waterproofing liquid admixture for concrete and mortar. Conforms to IS : 2645-2003	Helps in achi concrete and sand mortars
	TECNOS® HP 80	Hydrophobic pore blocking admixture for concrete	Helpful in gai and durable of ground struc concrete in n water retainin manholes, wa and desalina
	NEUTROL® 272	Mortar plasticiser	To improve w trowelling pro bricklaying, s mortars and

	Dosage/ Consumption/ Coverage/ Yield	Packing
lelays in transport of concrete occur. chimneys, high s, roller compacted ing slip form nels/shaft lining, struction and piles	0.25 - 0.60 L/ 100 kg cementitious material	5, 20 L and 250 kg
d for producing concrete with ment saving, eving strength	300 - 800 gm/ 100 kg of cement	5, 20 L and 250 kg
ncrete in towers, gh rise buildings, m shutters, t lining, offshore and piles	100 - 600 gm/ 100 kg of cement	5, 20 L and 250 kg
lding of precast tions, concrete d weather nd fast setting repairs etc.	0.5 - 2.0 L/100 kg cementitious material	5, 20 L and 250 kg
ce material cost in cement without gth or by increasing out additional	0.40 L/100 kg of cement	5, 20 L and 250 kg
eving watertight I waterproof cement and plasters	125 - 250 ml/ 50 kg of cement	5, 20 L and 250 kg
ning impermeable concrete in below tures, reinforced narine areas, piles, ng structures, astewater treatment tion plants	1.5 - 2.0 L/100 kg of cement	5, 20 L and 250 kg
vorkability and operties of sand cement plaster; helps nrinkage cracks	0.10 - 0.20 L/ 100 kg of cement	5, 20 L and 250 kg

Product	Description	Uses	Dosage/ Consumption/ Coverage/	Packing
Superplastici	isers		Yield	
TECNOS® SERIES	Superplasticising admixture for concrete	Specifically designed to produce concrete to supply for longer distances, for smoother pumpability with good cohesion of mix, highly durable concrete by control on W/C	0.6 - 2.0% per 100 kg cement with addition of 80% water	20 L and 260 kg
TECNOS® 98 - RS (T)	Water reducing superplasticiser. Complies with IS : 9103: 1999 and BS 5075 part 3. It also conforms to ASTM C-494 Type F and Type G, IS 2645:2003	Increases workability and cohesion in concrete and mortar. Smooth pumping by reducing line friction and dry packing. Low porosity results in improved water penetration resistance	0.6 - 1.5 % of total cementitious content	5, 20 L and 250 kg
TECNOS® 96 KV - S	Water reducing and slump retaining admixture. Complies with BS 5075 Part 1 and ASTM C 494 as Type A & D & IS: 9103-99	Used for structural concrete where improved density and quality are required. Additionally significant cement saving can be made without reduction in strength and workability	0.6 - 1.5 L/100 kg of cement	5, 20 L and 250 kg
MUCIS AD 28 TECNOS®	Water reducing cum bipolar corrosion inhibiting admixture for aggressive environment RCC concrete	For concreting of piles, foundations, below ground structure and in repairs and rehabilitation of concrete structures. Protection against severe environmental conditions	1.5 - 3.0 kg/ 100 kg of cement	5, 20 L and 250 kg

Dosage/
Consumption/
Coverage/
Yield

#### Packing

oncrete requiring . kability, early ention, high flow and ping. Used in SCC, IPC, concrete with

0.5 - 1.5 % of cementitious material 1.4 -1.6% by weigh of cementitious material for ultra high strength mixes and scc

20 L and 250 kg

or light-weight -stressed concrete, cementitious ds, bridge decks, ys prone to frost raulic structures d reservoirs, poorly rete, lean concrete

0.1L/100 kg material

260 kg

uctures in ncrete, normal ed, in particular situations like ucts, exposed ades

0.5 to 3.8 kg for a cubic metre of concrete 150 - 220 gm/ m<sup>2</sup> when used for anticorrosion impregnation of reinforced concrete before repairs with mortars

5,20 L and 250 kg

pacting concretes, e mixes, concrete r gap graded concrete with sections

0.1 - 0.5% by weight of cementitious material

20 L and 250 kg



Product	Description	Uses	Dosage	Packing			
Accelerators	Accelerators for Shotcrete						
BUILDSHOT- AFL	ls a high quality alkali free accelerator	Used for wet process shotcrete	4% to 8% by weight of cementitious material	275 kg plastic barrels			
BUILDSHOT- AFL (65)	ls an alkali free accelerator	Used in wet process shotcrete	4% to 8% by weight of cementitious material	275 kg plastic barrels			
BUILDSHOT- AFL (60)	ls an alkali free accelerator	Used in wet process shotcrete	5% to 8% by weight of cementitious material	275 kg plastic barrels			
BUILDSHOT- AFL (55)	ls an alkali free accelerator	Used in wet process shotcrete. It is free from sodium & potassium salts	7% to 10% by weight of cementitious material	275 kg plastic barrels			
BUILDSHOT- AFP	ls an alkali free accelerator	Used for dry process shotcrete	4% to 6% by weight of cementitious material	25 kg bags			
BUILDSHOT- AFP (70)	ls an alkali free accelerator	Used for dry process shotcrete	7% to 8% by weight of cementitious material	25 kg bags			

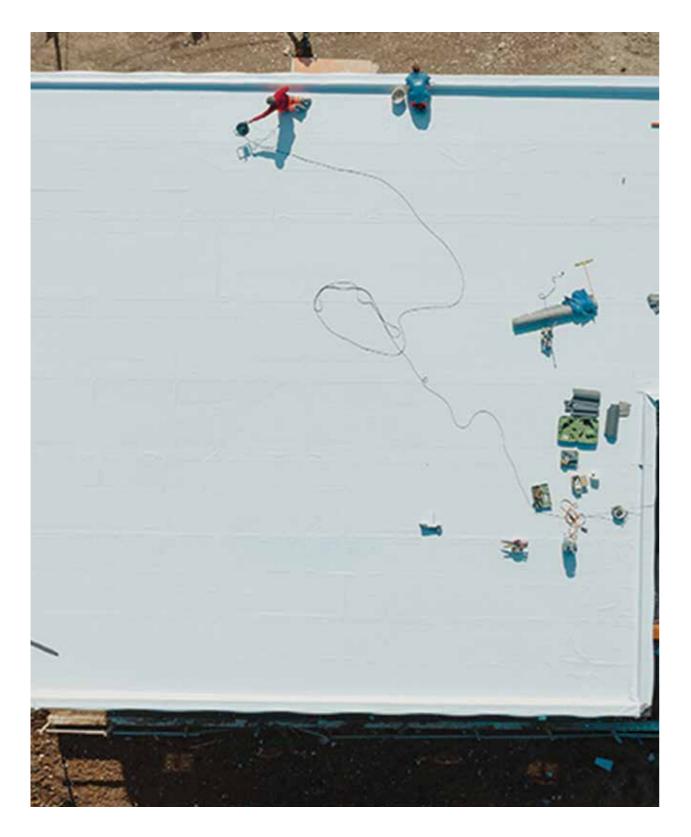
Product	Description	Uses	Dosage	Packing
Superplastic	isers/Admixtures			
BUILDPLAST SUPER-3000	Hyper superplasticiser used in high performance concrete. Conforms to IS:9103 & ASTM C 494 Type F & G	Used in flowing concrete, pumped concrete, prestressed & precast concrete as well as in industrial/commercial floor toppings and where slump retention is the requirement	0.3% to 2% by weight of cementitious materia	225 kg plastic barrels
BUILDPLAST SUPER 3000(PC)	Is based on Polycarboxylate ether polymer. Conforms to IS:9103:1999	It is specially formulated to be used in pre cast concrete. Its usage facilitates large water reduction and workability for a moderate time. Contains no chloride	0.3% to 2% by weight of cementitious material	225 kg plastic barrels
BUILDPLAST SUPER- 3000(SC)	Is a new generation hyper superplasticiser, based on Polycarboxylate Ether for producing self compacting concrete. Conforms to IS:9103 & ASTM C 494 Type F & G	Ideally recommended for use in SCC (self compacting concrete) and pumped concrete with high pressure and distance	0.3% to 2% by weight of cementitious material	225 kg plastic barrels
BUILDPLAST SUPER- 2000(M)	Is a mid range PCE based superplasticiser. Conforms to IS:9103 & ASTM C 494, Type F & G	Mainly used in pumped concrete, pre-stressed, precast concrete as well as in industrial/commercial flooring and floor toppings. Suitable for use in PQC, railway concrete sleepers etc.	0.3% to 2% by weight of cementitious material	225 kg plastic barrels
BUILDPLAST SUPER- 1000(M)	Is a low range PCE based superplasticiser. Conforms to IS:9103 & ASTM C494, Type F & G	Used in pumped concrete, pre-stressed, precast concrete as well as industrial/commercial flooring and floor toppings. Also used in PQC, railway concrete sleepers etc.	0.3% to 2% by weight of cementitious material	
BUILDPLAST SUPER-HR	Based on SNF (Sulphonated Naphthalene Formaldehyde) is a high range water reducing admixture & superplasticiser. Conforms to IS:9103 & ASTM C494 Type F	Is used in flowing concrete, pumped concrete, pre- stressed concrete as well as in industrial/commercial flooring and floor toppings	0.3% to 2% by weight of cementitious material	250 kg plastic barrels

Product	Description	Uses	Dosage	Packing
Superplastic	isers/Admixtures			
BUILDPLAST SUPER	Based on SNF (sulphonated naphthalene formaldehyde) is a water reducing admixture & superplasticiser. Conforms to IS:9103 & ASTM C494 Type F	Is used in flowing concrete, pumped concrete as well as industrial/ commercial flooring and floor toppings	0.3% to 2% by weight of cementitious material	250 kg plastic barrels
BUILDPLAST – WRA	Is a water reducing admixture, based on sulphonated naphthalene formaldehyde condensation polymer. Conforms to IS:9103 & ASTM C494 Type F	Used in mass concrete, pumped concrete, industrial & commercial buildings	0.3% to 2% by weight of cementitious material	250 kg plastic barrels
BUILDPLAST SUPER-RP(HR)	Is based on sulphonated naphthalene formaldehyde condensation polymer. Conforms to IS:9103 & ASTM C494 Type G	Is used where an extremely workable flowing concrete without loss of strength or large water reduction is to be made for the same workability	0.6% to 2% by weight of cementitious material	250 kg plastic barrels
BUILDPLAST SUPER-RP	Is a retarder-cum water reducing admixture with a high degree of slump retention. Conforms to IS:9103 & ASTM C494 Type B, D & G	Is used where an extremely workable flowing concrete without loss of strength and high degree of workability retention is required	0.5% to 2% by weight of cementitious material	250 kg plastic barrels
BUILDPLAST-R	ls a retarding admixture. Conforms to IS:9103 & ASTM C494 Type D		0.1% to 0.25% by weight of cementitious material	250 kg plastic barrels
BUILDPLAST RAPID(CF)	Is a chloride free rapid hardening/ accelerating admixture in liquid form. Conforms to IS:9103 & ASTM C 494, type C&E	Used in concrete and mortar to give rapid strength development for early stripping of form-work	1.5% to 3% by weight of cementitious material	250 kg plastic barrels

Product	Description	Uses	Dosage	Packing
Superplastic	isers/Admixtures			
BUILDPLAST RAPID	Is a rapid hardening/ accelerating admixture in liquid form. Conforms to IS:9103 & ASTM C 494	Used in plain concrete and mortar to give rapid strength development for early stripping of form-work	1.5% to 3% by weight of cementitious material	250 kg plastic barrels
BUILD ANTIFREEZE	Is a chloride free admixture in liquid form for producing high quality concrete in cold weather. Conforms to ASTM C 494 type C	Its use increases frost resistance	1% to 3% by weight of cementitious material	250 kg plastic barrels
BUILDPLAST AEA	Is an air entraining admixture. Conforms to IS:9103 & ASTM C 260	Used in concrete runways, bridges, canal linings, dams, reservoirs, tunnel linings etc.	0.2% to 0.5% by weight of cementitious material	200 kg plastic barrels
BUILD CORROBIT	ls a bipolar corrosion inhibitor admixture.	Its use is recommended in reinforced concrete and mortar. It acts as a corrosion inhibitor for steel reinforcement. It is a colourless liquid, based on modified amino alcohol	0.3% to 2% by weight of cementitious material	200 ltrs plastic drums
BUILD NEOCRYSTAL-P	P is a crystalline admixture available in dry form	It is used in concrete	0.8% to 1% by weight of cementitious material	25 kg HDPE bag
Buildcon - Aid	Aid is a polymer based lubricating aid	It is used for concrete pipelines		200 gms (100Nos./ box)
Buildplast – Vma	Is a viscosity modifying admixture	Use is recommended in self compacting concrete		200 kg plastic barrels
BUILDFUME	Also known as microsilica. Complies with ASTM C 1240 & IS:15388:2003			25 kg HDPE bag

# WATERPROOFING

The Maxshield<sup>®</sup> range from Thermax includes entire range of different bases of coatings and membranes for waterproofing of below ground & above ground structures.



Product	Description	Uses
Cementitious	Systems	
ELASPLAST ROL 10 MuCis	Cementitious, two component acrylic modified, elastomeric waterproofing coating with corrosion protection for concrete and masonry	For seamless, coating suitabl slab, basemen water tanks, to tightness
TECNOSEAL V1	Single component cementitious waterproofing membrane for negative hydrostatic pressure on concrete surfaces	Waterproofing high hydrostat positive or neg waterproofing reservoirs, swi foundations, e retaining walls steel reinforce
Maxrapid Plug	Rapid setting cement- based leak plugging mortar	Useful for the ra patching and p segments, sew below ground a concrete and b pipes, foundati and mines
Liquid Applied	d Systems	
ANTICORR 280 II MUCIS	Elastomeric acrylic polymer-based solar reflective and insulating coating	Used as a ther coating on roo of buildings. It on the interior roof of freezer storage facilitie
MAXSHIELD® PF 900	Polyurethane-based, liquid applied single component, UV stable elastomeric waterproofing membrane with high elongation properties.	Suitable for a v other waterpro such as bridge pits, foundatio suspended flo roof terraces, l retaining struc works, baseme inverted roofs high vibrations
MAXSHIELD® PF 700	Liquid applied, Elastomeric, Polyurethane waterproofing membrane	Waterproofing roofs, podiums and wet areas

	Dosage/ Consumption/ Coverage/ Yield	Packing
, flexible, waterproof ole for use in sunken ents sumps, roofs, to ensure water	14 - 16 m² @ 1 mm thickness	Powder 25 kg bag, liquid 8.25 kg
g in situations of atical pressures, egative. For the g of facades, vimming pools, elevator shafts, ls, or basements in ed concrete	3 - 4 kg/m² @ 2 mm thickness	30 kg bag
rapid temporary plugging of concrete wage systems, l access chambers, brick tunnel linnings ttions, basements	1 kg can repair approximately 170 cm of 2 cm X 2 cm crack	30 kg bag
ermal insulation of slabs and walls It can also be used or walls and the er rooms and cold ties	4 - 5 square meter/per coat/ per lit (Without dilution)	20 L
a wide range of roofing applications ges, inspection ions, ground floors, oors, car decks, , balconies, water ictures, sewage nents, tunnels and s & areas where ns occur	1.4 - 2.5 kg/m² in 2 or 3 layers	25 kg, 6 kg and 1 kg (metal pails)
g in terraces and ns, terrace gardens s	Refer datasheet	25 kg

Product	Description	Uses	Dosage/ Consumption/ Coverage/ Yield	Packing
Liquid Applie	d Systems			
Maxshield® Primer	Epoxy resin-based primer for concrete surfaces	Suitable for priming concrete surfaces prior to the application of PU based waterproofing range	5.5 - 6.5 m²/L	1 and 4 L
MAXSHIELD® ELASTPROOF	Single component liquid applied acrylic polymer- based elastomeric waterproof coating	Waterproofing of roofs, terraces, over existing cementitious waterproof treatments, reinforced cement fibre sheets, china mosaic tiles, on damp surfaces, and any profile without additional mechanical fixing	1.5 kg/sqm with fabric reinforcement in 3 coats	25 kg
MAXSHIELD® PRIMAC	Single component water-based pigment primer	Applicable over latex, acrylic polymers and elastomeric coatings. Works well with both absorbent (concrete) and non- absorbent (tiles, Gl sheets) surfaces.Acts as an inter-coat adhesive over painted surfaces. Used in exterior RCC surfaces (including sloping roofs), masonry walls or facades, stone walls, china mosaic tiles and Gl sheets specifically	4.0 - 4.5 m²/kg @ 2 mm thickness	15 kg and 30 kg
MAXSHIELD® ELASTCOAT	Single component, liquid applied acrylic polymer-based waterproof coating for wet areas	Waterproofing of wet and sunken areas, roofs and terraces of buildings, balconies, under tile applications, new/existing concrete surfaces, on damp surfaces and on any profile without additional mechanical fixing	1.5 kg/sqm with fabric reinforcement in 3 coats	25 kg
MUCIS MIA 100/200	Silane-based migrating corrosion inhibitor for concrete substrates	Suitable for the corrosion inhibiting protection and deep waterproofing of concrete and reinforced concrete structures.	250 - 450 gms/ m <sup>2</sup> depending on concrete porosity.	5 & 20 L
Maxshield® Wallkot	High quality acrylic emulsion polymer- based waterproofing coating	All types of exterior masonry surfaces, concrete, cement sand renderings, etc. Also applicable on asbestos sheets	Refer datasheet	1,5 & 20 L
WP 55	Colourless silicone water repellent	Suitable to provide water repellent surface with improved self cleaning properties on exterior building - brick work, concrete, cement rendering, natural or cast stone. Helps in reducing efflorescence due to soluble salts in brickwork	4.5 - 9 m²/L	5 & 20 L

	Product	Description	Uses
	Crystalline Sy	stems	
	CRYS-TECO PWD	Single component, cementitious crystalline waterproofing for concrete surfaces	Suitable as water for constructions concrete foundat marine structures slabs, concrete s ramps, bridge de towers
	Basement Wa	terproofing system	1
	MAXSHIELD® HDPE SF	Pre-Applied, Fully Bonded HDPE Waterproofing Membrane with Sand Finish	Ideal for blind-slid basement waterp below grade cond confined surfaces and regular cond compacted sand cut and cover tun subways, MRTs, a foundations in co aggressive groun to protective und from harmful and gases
	MAXSHIELD® SBS	Self-Adhesive, Modified Bitumen Waterproofing Membrane with Cross Laminated PE Film	Suitable for belo structures, based and podiums, tur subway structure retaining walls (F gardens and plan pit walls
	MAXSHIELD® BM PRIMER	Solvent-based bituminous waterproofing primer	Suitable for primi concrete and met to the application membranes. It is applications in ca and concrete floo pouring of the bit compound for bo
	Maxshield® Hdpe Sealtape	Double sided adhesive tape for HDPE waterproofing system	Ideal for use for s overlaps of HDPI

Dosage/
Consumption/
Coverage/
Yield

#### Packing

terproof coating ons such as dations and walls, irres, elevated e slabs on grade, decks, piezometric 0.75 kg/m²@ 1 mm thickness 30 kg bag

I-slide waterproofing, tterproofing, all concrete structures, aces, uniform oncrete binding, and stone cushion, r tunnels for metros, ITs, etc., concrete n contaminated and round conditions and underground layers and aggressive	Refer datasheet	Supplied in rolls of 1.2 mm and 1.5 mm thickness of 20 m length.
below ground asement, terraces s, tunnels and ctures, roofs and ls (R.C), roof planter boxes, lift	Refer datasheet	Supplied in the follow- ing thick- nesses for 1 m x 20 m/ roll: Single Sided Ad- hesive: 1.2 mm, 1.5 mm and 2 mm. Double Sided Adhesive and me: 1.5 mm
riming bituminous, metal surfaces prior tion of waterproofing It is suitable for n canal lining joints floor joints prior to bitumen sealing or bonding	0.3 L/m²	20 L

for side & end DPE membrane Refer datasheet

Supplied in rolls of 80 mm and 100 mm widths of 20 m length

Product	Description	Uses	Dosage	Packing
Waterproofir	ng Systems/Comp	ounds		
BUILDTITE	ls an integral waterproofing compound	Used in concrete/ mortar	200 ml/50 kg cement	20 ltrs bulk packing also available
BUILDCOTE EC-20	ls a dual pack polymer modified waterproofing coating system	Suitable for waterproofing of roofs, swimming pools, water storage tanks etc.	100 kg (25 kg liquid polymer & 75 kg cementitious powder	
BUILDFLEX	Is a single pack polymer based elastomeric waterproofing coating	Very useful for roofs/ terraces, asbestos roof sheets etc.		20 kg
BUILD NEOCRYSTAL	Is a unique crystalline waterproofing coating system for concrete.		1 - 1.5 kg/sq. mtr depending upon the surface	20 kg
BUILDPRIME- PU	ls primer	Used for polyurethane based products		25 kg
BUILDTHENE- IC	Is a dual component polyurethane based waterproofing coating	Used for waterproofing of roofs, terraces etc.	1 - 1.5 kg/sq. mtr depending upon the surface	25 kg drum
BUILDTHENE- IC (SP)	Is a single component polyurethane elastomeric liquid applied coating		1 - 1.5 kg/sq. mtr depending upon the surface1 - 1.5 kg/ sq. mtr depending upon the surface	25 kg drum
BUILDCOTE PUR	ls a two component polyurethane system	It is used for protection of concrete & metal structures against corrosion from aggressive environments. Is highly abrasion and chemical resistant. Also used as a waterproofing system for terrace, external and internal walls etc.	4 - 5 m², in single coat	25 kg

Product	Description	Uses	Dosage	Packing
Waterproofing	g Systems/Comp	ounds		
BUILDPRIME	ls a solvent based cold applied bituminous liquid	Used as a primer coat for APP membranes		25/20 kg
BUILDWRAP-P	Is a polymer modified membrane with non-woven polyester felt as reinforcement	Used for waterproofing applications on roofs, reservoirs, basements etc.		10 mtrs x 1 mtr Width
BUILDWRAP-V	Is a modified plastomeric bitumen based membrane with glass fibre reinforcement	Used as a waterproofing system for roofs, basements etc.		10 mtrs x 1 mtrs Width
BUILDWRAP – PVC & PVC (H)	ls a membrane based on high grade polyvinylchloride.	It is mainly used as a waterproofing system in tunnels, basements and similar applications	2 mm	20 mtrs Roll
BUILDWRAP – SBS	Is a self adhesive cold applied modified bituminous waterproofing membrane	Used for waterproofing in basement, swimming pool, sloped roof, etc.	1.5 mm & 2.0 mm	15 mtrs
Buildwrap - Epdm	ls a fleece becked heat seamable elastomeric membrane	Used for waterproofing of basement, flat roofs etc.		

# REPAIR & REHABILITATION

Even under the best construction practices concrete structures face several problems and require structural strengthening. Maxtreat<sup>®</sup> range of cement and resin-based materials reinstate, strengthen & retrofit defective and distressed concrete including underwater repairs.



Product	Description	Uses	Dosage/ Consumption/ Coverage/ Yield	Packing
Cement Mort	ars			
BS66 MUCIS	General purpose non-shrink corrosion resistant cementitious micro concrete	For various structural strengthening measures where vibration is difficult or impossible. e.g.: pavement repairs, <concrete gutters and encasements</concrete 	15.8 L/30 kg bag	30 kg bag
SEISMOCRETE®	Ultra high performance fibre reinforced cementitious mortar	Structural strengthening and seismic retrofitting through jacketing of beams, columns and slabs	Refer datasheet	30 kg bag
MAXTREAT® FIBRECRETE	Ultra high performance fibre reinforced cementitious mortar	For structural strengthening, precision anchoring and repair of structural members	Refer datasheet	30 kg bag
THERMLITE	Light-weight microconcrete	Used for repairs and applications where typical concrete weight would pose a problem and also used for jacketing, filling the gap and insulating the structures etc.	Refer datasheet	30 kg bag
RAPIDO FIX	Rapid setting cementitious repair system for concrete floors	For patching and replacement of worn out areas, filling of holes or depressions in, concrete floor slabs in factories, godowns, commercial and domestic buildings	15.5 L/30 kg bag	30 kg bag
FLASH TIXO	Cementitious repair system for concrete floors	Reinstatement of large areas of concrete pavements, roadways, factory shop floors and car parks	15.5 L/30 kg bag	30 kg bag
BS 5F	Single component polymer modified fibre re-inforced cementitious repair mortar	Structural concrete repairs like beams, columns, slabs, walls with corrosion protection	20 kg/m <sup>2</sup> @ 10 mm thickness	30 kg bag
MAXTREAT® PATCH UP	Fibre re-inforced cementitious repair mortar	Structural repair for beams, columns, slabs etc.	18 kg/m² @ 10 mm thickness	30 kg bag
TECNORASO CT 10	Single component polymer modified cement-based surface smoothnew and pinhole filler	For levelling of minor imperfections <3 mm, in concrete and masonry surfaces	5 kg/m² @ 3 mm thickness	30 kg bag
MAXTREAT <sup>®</sup> CF	Single part, non shrink, cementitious crack sealer for plaster, masonry and concrete	For sealing cracks in plaster, masonry and concrete substrates	30 mtr for a V groove crack of 6 mm x 6 mm. Actual coverage depends on the substrate	1 & 5 kg bag

Product	Description	Uses	Dosage/ Consumption/ Coverage/ Yield	Packing
Cement Mort	tars			
MuCis PROTEZIONE FERRO MONO	Single component, anti-corrosive cementitious protective coatings for steel reinforcements	For passivating protective matrix on reinforcing steel. Also used as a primer in Maxtreat range of cementitious repair mortars	2 kg/m <sup>2</sup> @ 1 mm thickness	30 kg bag
Resin Mortar	'S			
MAXTREAT® EHS	Epoxy resin-based flexible and high strength repair mortar	For repairing of areas where high impact, tensile & chemical resistance is required	2 m²/pack @ 5 mm thickness	10 L pack
MAXTREAT® EC	Epoxy-based high strength concrete	Product is suitable for high build concrete repair or reinstatement of defective concrete surfaces in bridges, concrete runways, dams, foundations, slabs, joints	Refer datasheet	14 L pack
		in highways, etc.		
MAXTREAT® EPG	Epoxy resin-based putty	For levelling & eliminating minor irregularities on concrete surface, filling of hairline & small cracks to give smooth surface for overcoating applications	1 m²/pack @ 1 mm thickness	0.5 & 1 L pack
Fibre Wrappi	ng Systems			
MAXTREAT® FIBRENET G	Glass fibre reinforcement system for structural strengthening & seismic retrofitting with high performance & high strength	A system for strengthening columns, beams, slabs & other load bearing structural elements where improvement to flexural strength, shear strength and deformation characteristics is required	Refer datasheet	0.5 m (W) x 50 m (L) Roll
MAXTREAT® FIBRENET C	Carbon fibre reinforcement system (GSM) for structural strengthening and seismic retrofitting with high performance and high strength	For strengthening columns, beams, slabs & other load bearing structural elements where improvement to flexural strength, shear strength and deformation characteristics is required	Refer datasheet	0.5 m (W) x 50 m (L) Roll

# SURFACE TREATMENTS

The Maxcure<sup>®</sup> range of products includes demoulding agents, curing compounds, surface retarders, rust removers and concrete cleaners for better concrete surfaces.



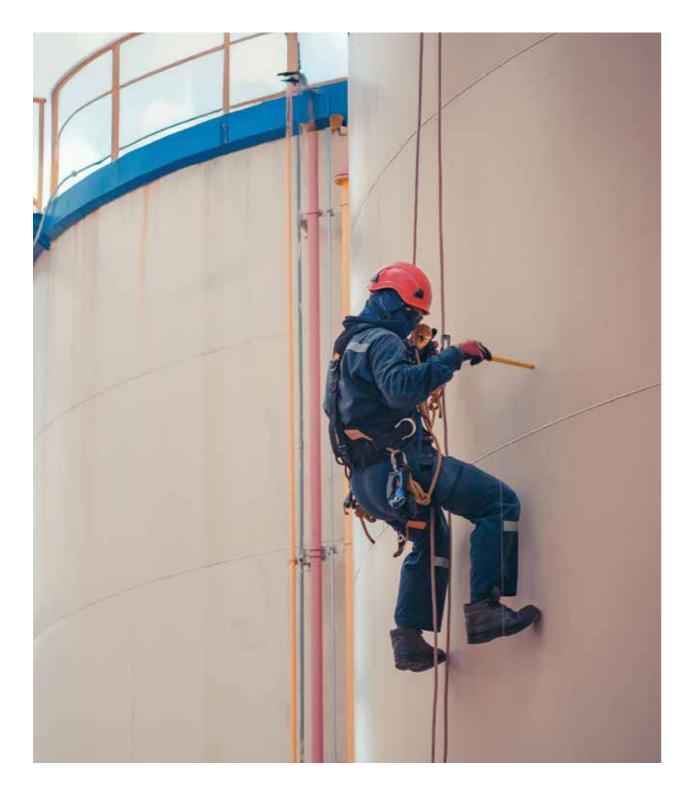
Product	Description	Uses	Dosage/ Consumption/ Coverage/ Yield	Packing
Demoulding	Agents			
MAXCURE® MRA 101	Oil-based mould releasing agent	For quick and easy removal of moulds and formwork, ensuring a smooth concrete finish	35 - 45 m²/L depending upon porosity of mould	5, 20 & 210 L
MAXCURE® MRA 102	Concentrated and emulsified vegetable oil based mould releasing agent	For easy and stain free release of concrete from moulds and formwork of all types. For easy demoulding specifically from wooden formwork. Used where de-moulding or stripping times exceed 24 hours	1 L with 5 L of water will cover 80 - 160 m <sup>2</sup> depending upon nature of substrate.	5, 20 & 210 L
MAXCURE® MRA 110	Ready-to-use vegetable-oil based mould release agent	For easy and stain free release of concrete from moulds and formwork of all types. For easy demoulding specifically from steel, fiberglass and timber/ wooden formwork	30 to 70 m²/L depending upon substrate	5, 20 & 200 L
Curing Comp	oounds			
MAXCURE® CC 75	Wax-based concrete curing compound	Curing of concrete in exposed structures, slip form, walls, canals & mass concrete faces	3.5 - 5.0 m²/L	5,20 & 210 L
MAXCURE® CC 80	Acrylic-based concrete curing compound	Provides a highly economical and efficient means of curing in concrete. It can be applied on concrete slab or castings etc.	3.5 - 5.0 m²/L	5, 20 & 210 L
MAXCURE® CC 90	Resin-based with aluminised film forming curing compound with high curing efficiency	For high efficiency and effective curing suitable for general as well as large area concreting. Also can be easily spray applied	3.5 - 5.0 m²/L	5, 20 & 210 L
Concrete Cle	eaners & Rust Remo	overs		
MAXCURE® 10	Concrete remover and cleaning and etching agent with corrosion inhibiting properties	For the removal of mortar and plaster runs, droppings and stains from brickwork and concrete surfaces. Also removes hardened concrete from tools, machinery and equipment and rust and mill scale from steelwork	10 - 15 m²/L	5, 20 & 210 L
MAXCURE® RR	Alkaline-based rust remover for corroded steel structures	Used as a rust remover from steel bars prior to encasing in concrete/ microconcrete. It can also be used on other steel surfaces prior to coating with epoxy systems	5 - 6 m²/L	5, 20 & 210 L
Surface Reta	arder			
MAXCURE® SR	Water-based surface retarder for concrete	For producing exposed aggregate concrete finish in face-down precast. Good mechanical bonding between delayed concrete pours	8 - 12 m²/L	5,20 & 210 L

Product	Descripti	on	Uses	Dosage		Packing
Curing Com	pounds & R	lelease	Agents			
BUILDCURE	Is a membr forming, rea use liquid b water conta synthetic w emulsion.	ady to based aining	It is applied on freshly cast concrete or newly exposed concrete surface after removal of formwork, to form a temporary membrane, which will retain adequate moisture for effective curing to take place			
BUILDCURE-RB	ls a resin ba concrete cu compound.	uring	It is a cost effective sprayable curing compound for cementitious surfaces. Ideally suited for application on exterior horizontal surfaces, such as highways, airports and street paving			
BUILDMOL	ls a ready to mould relea agent			Plastic/Stee 40 - 50 sq. n Wooden sur 20 - 25 sq. n	ntr/ltr face :	
BUILDMOL- EMULSION	Emulsified withinnable m value are ap ready to use release age	nould part is a e mould		1ltr of Buildr Emultion dilu 5 ltrs of wate 80 - 160 sq. r	uted with er will cover	
Product D	escription	Uses			Dosage	Packing
Synthetic (p	oly) Fibres					
HICOPLA MACRO FIBRE		and dry s ductility, chemica	sed in shotcreting & flooring. Red shrinkage cracks, increases tougl gives higher stability in tunnels, n Ily inert and rustproof, reduces se eased cohesion, excellent residua	nness/ o corrosion, egregation	3 - 8 kg/ m <sup>3</sup>	5 kg bags
HICOPLA MICRO FIBRE		concrete cracks a canal lini panels, v	ment polypropylene micro fibre is and mortar for preventing plastic nd plastic shrinkage cracks. Uses ng, precast concrete elements ar vet and dry system sprayed conci ters for strengthening and repair	c settlement c: Tunnels & nd facade rete, mortars		2 kg bags



### **PROTECTIVE COATINGS**

The T-Guard<sup>®</sup> range of protective coatings are used for vital protection of external and internal surfaces against chemical attack, environmental pollutants and weathering.



Product	Description	Uses
Protective Co	ating for Concrete	Structures
T-GUARD® AC	Water-based aliphatic acrylate anticarbonation, protective and decorative coating for concrete and masonry	Protective coa concrete struc severe enviror including expo gases, saline e chloride ions, carbonation e
T-GUARD® EC200	Solvent free epoxy resin based protective coating for potable water applications	For lining and potable water and concretes like reservoirs processing pla treatment wor dairies and sile
T-GUARD® ENC	Novalac epoxy resin- based protective coating with high chemical resistance	Suitable for are chemical resis like etp,fertilise refineries and o chemical proce
T-GUARD® EPW	Water-based epoxy coating for concrete surfaces	For various wa hygienic coati kitchens and f plants, reserve ducts, water to breweries, dai
T-GUARD® CTE45	Coal tar based epoxy coating for steel and concrete surfaces	Useful in form layer against of concrete dete aggressive gro Can be applied plants, foundar walls, jetties a

	Dosage/ Consumption/ Coverage/ Yield	Packing
;		
ating for all types of actures exposed to onmental conditions oosure to acid e environment. , sulphates, etc.	5 m²/L/coat @ 200 micron WFT	20 L
d waterproofing r retaining steel e structures s, tanks, food lants, water rrks, breweries, ilos	10 m²/L/coat @ 100 micron thickness DFT	4 L pack
reas where high stance is required ser plants, petroleum I other hazardous cessing units	8 m²/pack @ 500 micron thickness	4 L pack
vaterproofing and ting applications like food processing voirs, tanks, treatment works, airies & silos	22 - 25 m²/ pack/coat @ 180 microns WFT 100 microns DFT	4 L pack
ning protective corrosion and erioration in highly round conditions. ed on pipelines, ETP ations, retaining and harbours etc.	35 m²/pack/coat @ 100 microns WFT	4 L pack

Product	Description	Uses	Dosage/ Consumption/ Coverage/ Yield	Packing
Protective Co	pating for Concrete	Structures		
T-GUARD® CTE65	High build coal tar based epoxy coating for steel and concrete surfaces	Forms protective layer for concrete and steel in highly aggressive and corrosive conditions. Can be applied on pipelines, etp plants, foundations, retaining walls, jetties and steel harbours etc.	8 m²/pack @ 350 microns DFT	4 L pack
T-GUARD® BC	Bituminous-based protective coating	Internal lining of water storage tanks including potable water	2.0 - 2.5 m²/L	5 & 15 L
T-GUARD® CR	Chemical resistant, quick cure resin- based protective coating for concrete	Top coat exposed to corrosive environment, additional protective coating with Maxtreat® Fibrenet System, protective coat on concrete for chemicals and chemical fumes, on both metal and concrete substrates	0.9 kg/sqm with 0.3 kg of reinforcement fabric @ 0.5 - 0.5 mm thickness	5 & 15 L
T-GUARD® PU-EX	Polyurethane wall coating for sterile and clean areas	For sterile and clean areas in pharma, food and beverage, operation theatres, kitchens, dairy industries	4 - 5 m²/kg in 2 coats	20 kg pack
Primers				
T-GUARD® WBP	Water-based acrylic primer cum sealer for concrete substrates	Primer for Tguard AC, forms a film and seals the substrate to prevent air release which could otherwise cause pin holes in the top coat	8 - 10 m²/L/coat (Actual coverage may vary as per substrate conditions)	5 & 20 L
T-GUARD® BCP	Bitumen-based primer cum sealer for concrete surfaces	Primer for Tguard BC, suitable for horizontal and vertical dam proof constructions and external treatment for below ground structures	4 - 6 m <sup>2</sup> /L/coat (Actual coverage may vary as per substrate conditions)	5 & 20 L



### **GROUTS AND ANCHORS**

The Maxgrout<sup>®</sup> range of cement and resin-based high-efficiency products for heavy load bearing units and machinery baseplates along with anchoring systems are used to install permanent anchors and fixtures.

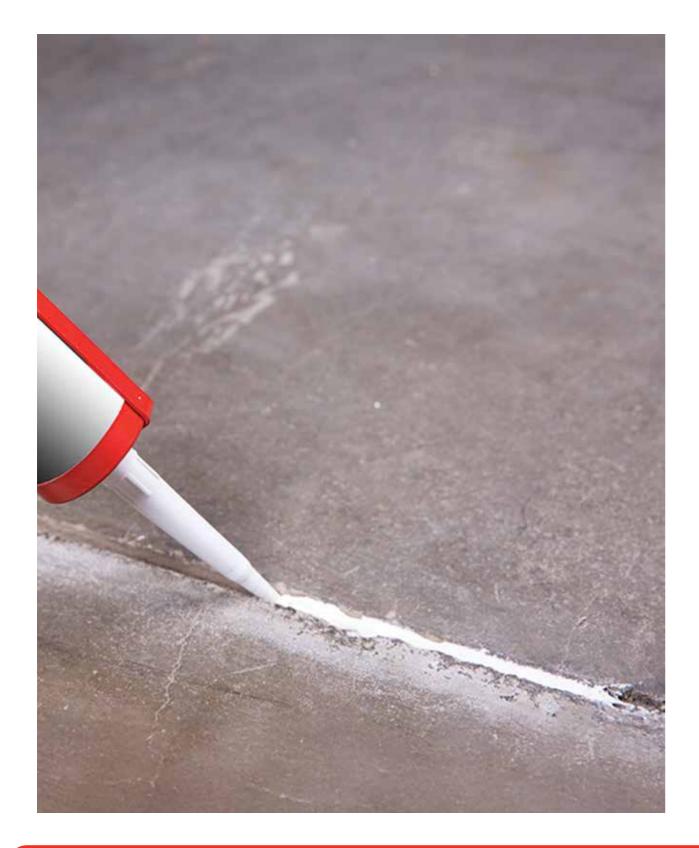


Product	Description	Uses	Dosage	Packing
Resin & cem	ent capsules			
ROCKFIX (R)	ls a high strength resin capsule	Used for anchoring		Cardboard boxes
ROCKFIX (C)	ls a cementitious powder in a capsule form & is a normal setting capsule	Used for anchoring		Cardboard boxes

Product	Description	Uses	Dosage/ Consumption/ Coverage/ Yield	Packing	
Epoxy & Polyurethane Grouts					
MAXGROUT® E10	Low viscous solvent free epoxy resin injection grout designed for grouting of gap widths < 10 mm	Low viscous grout for injection into concrete cracks, honeycombs and other structural defects. It can also be injected under base plates with very narrow gaps	Refer datasheet	1 & 4 L pack	
MAXGROUT® E75	Epoxy resin-based free flowing high strength grout	Used to grout pockets and base plates where heavy dynamic and static load resistance is required and has good chemical resistant properties	Refer datasheet	14 L pack	
Cementitious	Grouts				
MAXGROUT® 60	Free flow, high strength, non- shrink, cementitious precision grout	For the installation of large and heavy machinery base plates, crane rails, stanchion base plates, bridge bearings,bolt pockets, for filling precast joint sand tie holes with adjustable consistency, for anchoring bolts in rocky strata	225 gms/bag of cement	225 gms pouch	
MAXGROUT® 45	Non shrink free flow cementitious grout	Grouting of machine base plates, turbines, pumps, production machinery, crane rails,generators & bolt and anchor pockets	16 L/30 kg bag at flowable consistency	30 kg bag	
MAXGROUT® 80	Ultra high strength non shrink free flow cementitious grout	For grouting of machine base plates or areas where high static and dynamic load resistance is required	15 L/30 kg bag at flowable consistency	30 kg bag	
MAXGROUT® TR FILL	Bright red coloured, high strength, non- shrink, cementitious grout for tie rod hole applications	For filling the tie rod holes, bolt pockets, precast joints and all other areas requiring grouting with adjustable consistency	Refer datasheet	30 kg bag	
Polyster Anch	iors				
Maxgrout® Paf	Polyster resin-based anchoring material for horizontal, vertical and large annular applications	For high early strength and durable anchoring fixing of equipment, crane rails, hand rails, re-baring and tracks attached to concrete. Fixing of bolts for machinery and equipments	Refer datasheet	0.5 & 2.5 L pack	

# SEALANTS

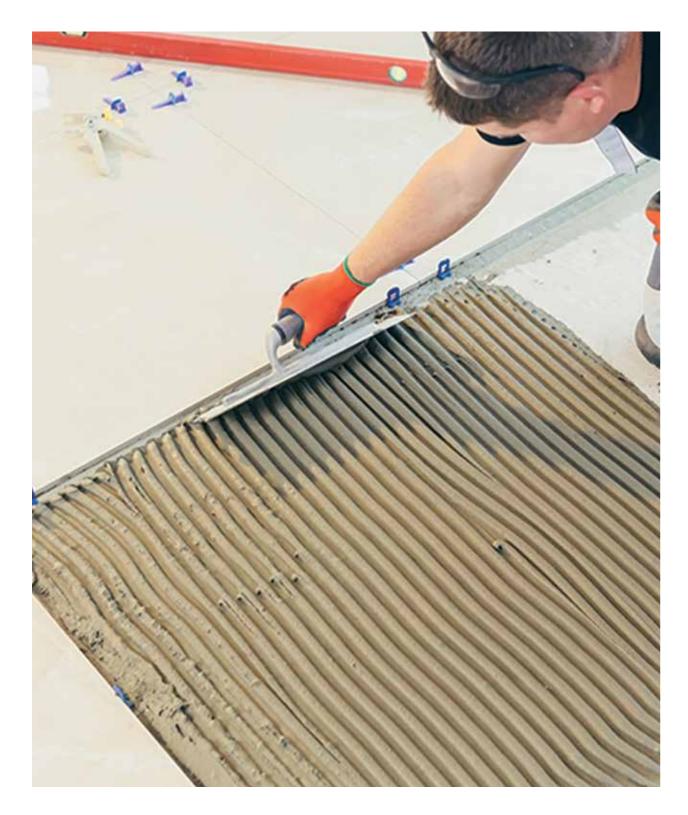
Maxflex<sup>®</sup> range of flexible jointing and sealing materials for filling expansion, contraction, construction and isolation joints in civil engineering structures.



Product	Description	Uses	Dosage/ Consumption/ Coverage/ Yield	Packing
MAXFLEX® ACS	Acrylic-based, single part sealant	For sealing internal and external non structural cracks	Refer datasheet	1 kg
MAXFLEX® PS	Polysulphide sealant (2 part) in pourable & gungrade	For filling of expansion joints in most of the civil structures like residential and commercial building, industrial superstructure, subway, bridges etc. have excellent bonding with cementitious surfaces	Refer datasheet	4 kg pack
MAXFLEX® PSPR	Primer for Maxflex PS	For priming concrete and joint surfaces prior to the application of Maxflex PS (Polysulphide sealant)	Refer datasheet	5, 20 L and 250 kg
MAXFLEX® PU	Polyurethane- based two parts, high performance, hydrocarbon resistant joint sealant.	For filling horizontal joints in concrete pavements, runways, roads etc. also suitable where good fuel, oil spillage and hydrocarbon resistance is required	Refer datasheet	2.5 L pack
MAXFLEX® PUPR	Primer for Maxilex PU Polyurethane-based, single part	For priming concrete and joint surfaces prior to the application of Maxflex PU (Polyurethane sealant)	Refer datasheet	250 ml
MAXFLEX® PU-1	Polyurethane-based, single part joint sealant	Suitable for sealing joints in concrete, brickwork, blockwork, precast panels, stone cladding, perimeter sealing around doors and windows, and non trafficked floor joints	Refer datasheet	600 ml sausage
MAXFLEX® EU	Epoxy urethane- based joint sealant	For sealing non moving, saw cut, internal rigid floor joints in heavy industries, factories, warehouses, godowns etc. where semiflexible sealant properties are required	Refer datasheet	4.0 L pack

# **ADHESIVES**

TM-Bond<sup>®</sup> range of bonding agents for providing structural integrity & bonding of old and new concrete/mortars and precast segments/panels Maxtite range of specialty title adhesives for fixing tiles on the floors, walls and swimming pools.



Product	Description	Uses	
Bonding Agents			
TM-BOND® AR	Acrylic polymer- based bonding agent cum cement mortar modifier	For bonding a surfaces befo of cementitiou flooring system	
TM-BOND® SBR	Styrene butadiene rubber-based polymer bonding agent cum cement mortar modifier for mortar and concrete	For modifying bonding of ce floor toppings and mortars; damaged and repair of large	
TM-BOND® EP	Epoxy resin-based, solvent free concrete bonding agent	For bonding of cementitious for both horize application. Ic and repairs to concrete in bu bays, bridges granolithic flo	
TM-BOND® SG	Epoxy-based thixotropic adhesive for precast segments	For bonding p segments in b flyovers and in to speed up c provide a stru resistant joint	
Tile Adhesive	S		
MAXTITE <sup>®</sup> MP	Single component, ceramic tile adhesive	An adhesive for fixing of ceran and commerce kitchens, toile tile on tile app	
MAXTITE <sup>®</sup> MG	Polymer modified tile adhesive for marble & granite	For permaner marble and of	
Tile Joint fille	rs		
MAXTITE® GROUT	Cement-based pigmented tile joint filler.	To provide an strong and ea	
MAXTITE® GROUT EP	Water miscible, epoxy resin-based, pigmented tile grout	Joint filler for resistance in hospitals, lab	
Block Adhesi	ve		
MAXTITE® BLOCK FIX	Adhesive bonding material for blocks	For permaner blocks, fly asl	

	Dosage/ Consumption/ Coverage/ Yield	Packing
and priming the ore application us based repair, ms	6 - 8 m²/L	1,5 & 20 L
g and improving ementitious s, renderings repair of worn, d spalled concrete, e cracks	6 - 7 m²/L	1,5 & 20 L
old and new surfaces. Suitable contal and vertical deal for extensions o structural uildings, loading s, roads, bonded or oor toppings etc.	2.0 - 2.5 m²/L	0.5, 1 & 4 L pack
precast concrete bridges, tunnels, ndustrial structures construction and uctural and water	2 L/m² @ 2 mm thickness	3.7 L pack
or the permanent nic tiles in residential sial floorings, ets etc. Also used for lications	3.8 kg/m² @ 2 mm thickness	5 & 30 kg bag
nt fixing of granite, ther stone tiles	6.2 kg/m² @ 3 mm thickness	5 & 30 kg bag
impermeable, asy to clean tile joint	40 mtr in a 3 mm x 5 mm joint/kg	1 kg bag
high chemical pharmaceuticals, oratories, shopping	Refer datasheet	2.5 L pack
nt fixing of concrete h blocks	3.8 kg/m <sup>2</sup> @ 2 mm thickness	5 & 30 kg bag

# FLOORING

Tecfloor<sup>®</sup> range of flooring products are specially designed to enhance the performance characteristics of both new and old concrete floors with added advantages including abrasion and chemical resistance, impact resistance & zero moisture penetration.



Product	Description	Uses	Dosage/ Consumption/ Coverage/ Yield	Packing
Cementitious	Flooring Systems			
TECNOPAV EH 1000	Cementitious epoxy resin screed	Water insensitive underlay and vapour barrier for application of epoxy resin based floor toppings & coatings. Also suitable for levelling irregularities in industrial floors, pavements etc.	6 m²/pack @ 2 mm thickness	12 Ltr pack
TECFLOOR® CT	Cementitious based self smoothing floor	Suitable as a underlayer & levelling coarse for vinyl sheets, tiles, wooden flooring in hospitals, Packing & storage areas+A25	4 - 6 m²/bag @ 4 mm thickness	30 kg bag
Floor Hardnei	rs			
TECFLOOR® HTS	Non metallic floor hardener	Provides an abrasion resistant surface to concrete floors and reduces dusting, bonds monolithically to the base concrete. Ideally suitable for all traffic conditions in loading bays, trucking lanes, spillways, car parks, ramps, machine shops and workshops etc.	Heavy duty 7.0 kg/m <sup>2</sup> Medium duty 5.0 kg/m <sup>2</sup> Light duty 3.0 kg/m <sup>2</sup>	30 kg bag
TECFLOOR® HT	High performance non metallic floor hardener	Provides a highly abrasion resistant surface to concrete floors and reduces dusting, bonds monolithically to the base concrete. Ideally suitable for all traffic conditions in loading bays, trucking lanes, spillways, car parks, ramps, machine shops and workshops etc.	Heavy duty 7.0 kg/m² Medium duty 5.0 kg/m² Light duty 3.0 kg/m²	30 kg bag

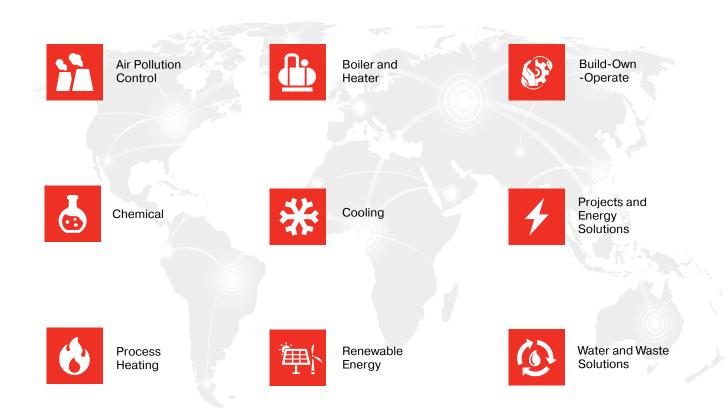
### **vebro** polymers

*High-quality epoxy, polyurethane, and car park flooring, solutions, designed for lasting performance and protection.* **55** 

To explore our range of products, please visit www.vebropolymers.com

#### Conserving Resources, Preserving the Future.





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