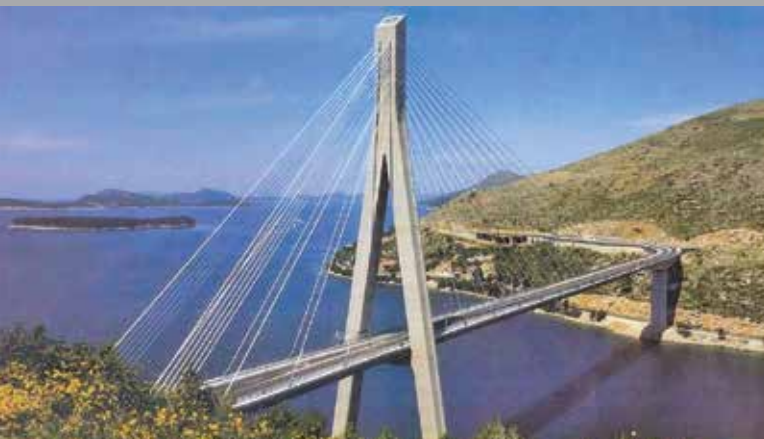


Sustainable Construction Solutions





Vision

To be a globally respected high performance organization offering sustainable solutions in energy and environment

Thermax Limited

Integrated Energy – Environment solutions for industry

Thermax Limited, a Billion Dollar engineering major provides solutions in the areas of energy and environment. In over 75 countries around the world clients make use of Thermax’s business - to - business solutions for energy efficient and eco-friendly operations: heating and cooling equipment, solar energy, turnkey power plants, systems for water & waste water management, air pollution control and performance improving chemicals.

Thermax Chemical Division

The Chemical division of Thermax 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 & exporter of Ion Exchange Resins and a pioneer in the field of fuel & water treatment chemicals, Thermax also supplies chemicals for paper industry and for oil field operations.

Construction Chemicals

Thermax Chemical division in technical collaboration with *Tecnochem Italiana S.p.A*, a leading European construction chemical company with 37 years of experience offers the entire spectrum of construction chemicals from Admixtures to Cement grinding aids including :

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- Accredited to ISO 9001:2008, ISO 14001:2004 and OHSAS 18001:2007 certifications
- Indian multinational with global presence serving more than 44 industry sectors worldwide.
- State of the art manufacturing facilities .
- More than 40 technology partnerships/ licensing agreements over the years across different business.
- Newest technologies, co-operation with renowned international universities, test institutes and key knowledge people
- Indian market leader in chemical products ; Ion exchange Resins, Fuel & Water treatment chemicals and Oilfield chemicals
- Green product approach



CONCRETE ADMIXTURES

Thermax offers a complete range of Admixtures including Plasticizers, Superplasticizers, Air entrainers, Accelerators, Retarders and other specialty admixtures. Tecnos® range of Admixtures from Thermax help produce high strength, high workability & enhanced durability concrete.

PRODUCT	DESCRIPTION	USES	DOSAGE / CONSUMPTION / COVERAGE / YIELD	PACKING
Plasticizers				
TECNOS® RP	Water reducing cum retarding plasticizer. Conforms to IS : 9103-99 Also complies with ASTM C 494 Type D.	Where delays in transport and placing of concrete occur. e.g. towers, chimneys, high rise buildings, roller compacted concrete ,using slip form shutters, tunnels/shaft lining, offshore construction and piles.	0.25-0.60 ltr. / 100 kg cementitious material.	5, 20 LTR.& 250 KG
PLASTARD 10	Water reducing cum waterproofing admixture Conforms to IS : 9103-99 and complies with IS : 2645-2003 & ASTM C494 Type A.	Typically used for producing good quality concrete with improved cement saving thereby achieving strength.	300-800 gm / 100 kg of cement :	5, 20 LTR.& 250 KG
PLASTARD 18 PJ	Retarding and water reducing admixture Conforms to IS : 9103-99 . Also complies with ASTM C 494 Type D	Placing of concrete in towers, chimneys, high rise buildings, using slip form shutters, tunnels/shaft lining, offshore construction and piles.	100-600 gm / 100 kg of cement :	5, 20 LTR.& 250 KG
ACCELERATOR NT	Non-chloride accelerating admixture. Complies with IS : 9103-99, BS 5075 Part 1 and ASTM C494 Type C	Early demoulding of precast concrete sections, concrete placed in cold weather conditions and fast setting concrete for repairs etc.	0.5 - 2.0 ltr / 100 kg cementitious material.	5, 20 LTR.& 250 KG
TECNOS™ 106 SD	Optimum performer, cement saver in manufacturing of concrete blocks.	Used to reduce material cost by reduction in cement without loss of strength or by increasing strength without additional cement.	0.40 ltr. / 100 kg of cement :	5, 20 LTR.& 250 KG
WAREP 1000/L	Integral waterproofing liquid admixture for concrete and mortar. Conforms to IS : 2645-2003	Helps in achieving watertight concrete and waterproof cement sand mortars and plasters.	125 - 250 ml / 50 kg of cement :	5, 20 LTR.& 250 KG
WAREP 1000/P	Integral waterproofing powder additive for concrete and mortar. Conforms to IS : 2645 - 2003	Helps in achieving watertight concrete and waterproof cement sand mortars and plasters.	1 kg / 50 kg of cement :	1, 5 & 30 KG BAG
TECNOS® HP 80	Hydrophobic pore blocking admixture for concrete.	Helpful in gaining impermeable & durable concrete in below ground structures, reinforced concrete in marine areas, piles, water retaining structures, manholes, waste water treatment and desalination plants.	1.5 - 2.0 ltr. / 100 kg of cement :	5, 20 LTR.& 250 KG
NEUTROL® 272	Mortar plasticizer.	To improve workability and trowelling properties of bricklaying, sand cement mortars and plaster and helps to minimize shrinkage cracks.	0.10 - 0.20 ltr. / 100 kg of cement :	5, 20 LTR. & 250 KG



PRODUCT	DESCRIPTION	USES	DOSAGE / CONSUMPTION / COVERAGE / YIELD	PACKING
Superplasticizers				
TECNOS [®] 98 - RS (T)	Water reducing superplasticizer. 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 & 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 LTR. & 250 KG
TECNOS [®] 96KV - 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 ltr. / 100 kg of cement :	5, 20 LTR. & 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 LTR. & 250 KG
Hyperplasticizers				
NEUTROL [®] 300	Mid range hyperplasticizer based on Polycarboxylic technology.	Suitable for concrete required excellent workability,early strength,retention and smooth pumping.	0.5 - 1.5 % of cementitious material	20 LTR. & 250 KG
NEUTROL [®] 500	Mid range hyperplasticizer based on Unique Polycarboxylic ether polymer with lateral chain	Specially recommended for GGBS blended concrete mixes requiring extended workability,also fit for high flow concrete.	0.5 - 1.5 % of cementitious material	20 LTR. & 250 KG
NEUTROL [®] 800	New generation polycarboxylic ether based hyperplasticizer for high performance concrete	Beneficial for producing high performance and high workable concrete.	0.5 - 3 ltr. / 100 kg of cementitious material.	5, 20 LTR. & 250 KG
NEUTROL [®] 1000	Polycarboxylic based hyperplasticizer for high performance concrete. Complies with IS : 9103-1999 and BS : 5075 part 3 and ASTM C-494 type F and G	For ultra high strength & Self compacting concrete . Also helps to achieve high early strength. Excellent workability and workability retention & provides smooth pumping.	1.4 - 1.6 % by weight of cement. :	5, 20 LTR. & 250 KG



SURFACE TREATMENTS

Maxcure® range of products includes demoulding agents, curing compounds, surface retarders, rust removers & 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 clean & easy removal of moulds & formwork and ensure smooth finished concrete.	35 - 45 m ² / ltr depending upon porosity of mould	5, 20 & 210 LTR
MAXCURE® MRA 102	Concentrated & emulsified water based mould releasing agent.	Provides stainfree smooth finished concrete by easy release of moulds and formwork of all types.	1 ltr with 5 ltr of water will cover 80-160 m ² depending upon nature of substrate.	5, 20 & 210 LTR
Curing compounds				
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 m ² / ltr	5, 20 & 210 LTR
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 m ² / ltr	5, 20 & 210 LTR
MAXCURE® CC 90	Resin based with aluminized 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 m ² / ltr	5, 20 & 210 LTR
Concrete cleaners & Rust removers				
MAXCURE® 10	Concrete remover & 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 & rust and mill scale from steelwork.	10 - 15 m ² / ltr	5, 20 & 210 LTR
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 m ² / ltr	5, 20 & 210 LTR
Surface Retarder				
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 m ² / ltr	5, 20 & 210 LTR

GROUTS & ANCHORS

Maxgrout® range of Cement & Resin based high efficiency products for heavy load bearing units & machinery baseplates along with anchoring systems to install permanent anchors & fixtures.

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 < 10mm.	Low viscous grout for injection into concrete cracks, honeycombs & other structural defects. It can also be injected under base plates with very narrow gaps.	Refer to datasheet	1 & 4 LTR PACK
MAXGROUT® E75	Epoxy resin based free flowing high strength grout	Used to grout pockets and base plates where heavy dynamic & static load resistance is required and has good chemical resistant properties.	Refer to datasheet	14 LTR PACK
MAXGROUT® LE	Low exothermic high strength, free flowing epoxy resin based grout	Used to grout deep pockets and larger base plates where heavy dynamic & static load resistance is required and has good chemical resistant properties.	Refer to datasheet	14 LTR PACK
MAXGROUT® PU	Solvent free, single component polyurethane foam injection grout.	Immediate arrest of water seepages & leakages through microcracks, honeycombs etc from concrete structures.	Refer to datasheet	1 & 4 LTR
Cementitious grouts				
MAXGROUT® 100	Expanding powdered grout admixture with plasticizing properties.	Admixture for cementitious grouts where a reduced w/c ratio and positive expansions are required. Applications include bed grouting, duct grouting (without reinforcement) non-shrink infilling and jointing.	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 & anchor pockets.	16 ltr / 30 kg bag at flowable consistency	30 KG BAG
MAXGROUT® 60	High strength, non shrink free flow cementitious grout	Grouting of machine base plates, turbines, pumps, production machinery, crane rails, generators & bolt & anchor pockets.	16 ltr / 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 & dynamic load resistance is required.	15 ltr / 30 kg bag at flowable consistency	30 KG BAG
Polyster Anchors				
MAXGROUT® PAF	Polyster resin based anchoring material for horizontal, vertical & large annular applications.	For high early strength & durable anchoring fixing of equipment, crane rails, hand rails, re-baring and tracks attached to concrete. Fixing of bolts for machinery and equipments.	Refer to datasheet	0.5 & 2.5 LTR PACK

PROTECTIVE COATINGS

T-guard® range of Protective coatings for vital protection of external and internal surfaces against chemical attack, environmental pollutants & weathering.

PRODUCT	DESCRIPTION	USES	DOSAGE / CONSUMPTION / COVERAGE / YIELD	PACKING
T-GUARD® AC	Water based aliphatic acrylate anticarbonation, protective and decorative coating for concrete and masonry	Protective coating for all types of concrete structures exposed to severe environmental conditions including exposure to acid gases, saline environment, chloride ions, sulphates, carbonation etc.	5 m ² / ltr / coat @ 200 micron WFT	20 LTR
T-GUARD® EC 200	Solvent free epoxy resin based protective coating for potable water applications	For lining and waterproofing potable water retaining steel & concrete structures like reservoirs, tanks, food processing plants, water treatment works, breweries, dairies and silos.	10 m ² / ltr / coat @ 100 micron thickness DFT	4 LTR PACK
T-GUARD® ENC	Novalac epoxy resin based protective coating with high chemical resistance.	Suitable for areas where high chemical resistance is required like etp, fertilizer plants, petroleum refineries & other hazardous chemical processing units.	8m ² / pack @ 500 micron thickness	4 LTR PACK
T-GUARD® EPW	Water based epoxy coating for concrete surfaces.	For various waterproofing & hygienic coating applications like kitchens and food processing plants, reservoirs, tanks, ducts, water treatment works, breweries, dairies & silos.	22-25 m ² / pack/ coat @ 180 microns WFT (100 microns DFT)	4 LTR PACK
T-GUARD® CTE 45	Coal tar based epoxy coating for steel and concrete surfaces	Useful in forming protective layer against corrosion and concrete deterioration in highly aggressive ground conditions. Can be applied on pipelines, etp plants, foundations, retaining walls, jetties & harbours etc.	35 m ² /pack/ coat @ 100 microns WFT	4 LTR PACK
T-GUARD® CTE 65	High build coal tar based epoxy coating for steel and concrete surfaces	Forms protective layer for concrete & steel in highly aggressive and corrosive conditions. Can be applied on pipelines, etp plants, foundations, retaining walls, jetties & harbours etc.	8 m ² / pack @ 350 microns DFT.	4 LTR PACK
T-GUARD® BC	Bituminous based protective coating	Internal lining of water storage tanks including potable water.	2.0-2.5 m ² / ltr	5 & 15 LTR
T-GUARD® PU	Two component aliphatic isocyanide polyurethane protective coating for steel & concrete surfaces.	For easily cleanable, UV & chemical resistant protective coating for pharma, chemical, paper & fertilizer industries.	40 m ² / pack/ coat @100 microns WFT	4 LTR PACK
T-GUARD® PU-EX	Polyurethane wall coating for sterile & clean areas	For sterile & clean areas in pharma, food & beverage, operation theatres, kitchens, dairy industries.	4 - 5 m ² / 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 m ² / ltr /coat (Actual coverage may vary as per substrate conditions)	5 & 20 LTR
T-GUARD® BCP	Bitumen based primer cum sealer for concrete surfaces	Primer for Tguard BC, suitable for horizontal and vertical damp proof constructions and external treatment for below ground structures.	4-6 m ² / ltr / coat (Actual coverage may vary as per substrate conditions)	5 & 20 LTR

REPAIR & REHABILITATION

Even under the best construction practices concrete structures faces several problems & require structural strengthening. Maxtreat® range of Cement & Resin based materials reinstate, strengthen & retrofit defective & distressed concrete including underwater repairs.

PRODUCT	DESCRIPTION	USES	DOSAGE / CONSUMPTION / COVERAGE / YIELD	PACKING
Cement Mortars				
BS 66 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 & encasements.	15.8 ltr /30 kg bag	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 & domestic buildings.	15.5 ltr / 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 & car parks.	15.5 ltr / 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 ² @ 10mm thickness	30 KG BAG
MAXTREAT® PATCH UP	Fiber reinforced cementitious repair mortar	Structural repair for beams, columns, slabs etc.	18 kg / m ² @ 10mm thickness	30 KG BAG
TECNORASO CT 10	Single component polymer modified cement based surface smoother and pinhole filler.	For levelling of minor imperfections < 3mm, in concrete and masonry surfaces.	5 kg / m ² @ 3 mm thickness	30 KG BAG
MAXTREAT® UW	High strength underwater cementitious microconcrete for repair with anti-washout & non shrink properties.	For repair of damaged underwater or tidal zone concrete structures like concrete piling, pillars, dams & bridge columns etc.	17.5 ltr / 30 kg bag	30 KG BAG
MAXTREAT® 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 6mm x 6mm. Actual coverage depends on the substrate	1 & 5 KG BAG
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 ² @ 1mm thickness.	30 KG BAG
Resin mortars				
MAXTREAT® E30	Epoxy resin based repair mortar for high build with chemical & abrasion resistance	Suitable for the applications where high strength, abrasion & chemical resistance is required including repair in ETP & STP tanks, concrete chemical storage units, repair of dams, spillways, etc.	2.5 m ² /pack @ 3 mm thickness	8 LTR PACK
MAXTREAT® EHS	Epoxy resin based flexible & high strength repair mortar	For repairing of areas where high impact, tensile & chemical resistance is required.	2 m ² /pack @ 5 mm thickness	10 LTR PACK



PRODUCT	DESCRIPTION	USES	DOSAGE / CONSUMPTION / COVERAGE / YIELD	PACKING
MAXTREAT® EFC	Epoxy resin based pin hole filler & fairing coat.	For smoothing the surface and filling pinholes prior to overcoating application.	4 m ² / pack @ 1 mm thickness	4 LTR 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 in highways, etc.	Refer to datasheet	14 LTR PACK
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.	1m ² / pack @ 1mm thickness	0.5 & 1 LTR PACK
Fibre wrapping 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 to datasheet	0.5M (W) x 50M (L) ROLL
MAXTREAT® FIBRENET C	Carbon fibre reinforcement system for structural strengthening & seismic retrofitting with high performance & 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 to datasheet	0.5M (W) x 50M (L) ROLL
MAXTREAT® PRIMER	Epoxy resin based primer for fibre reinforcement systems.	A primer on concrete surfaces for proper sealing & bonding of porous substrate before application of fibre reinforcement system.	7 - 10 m ² / per coat / ltr.	2.7 LTR PACK
MAXTREAT® SATURANT	Epoxy resin based saturant for fibre reinforcement systems.	For saturation & effective bonding of fibre reinforcement sheet to the surface of structure.	3.5 - 5 m ² / per coat / ltr.	2.7 LTR PACK
MAXTREAT® LAMINATE	Carbon Fibre laminates for structural strengthening with high performance & high strength.	Used for retrofitting & structural repairs to increase the load carrying capacity, shear & flexural strength of structures without affecting the dimensions of structure.	Refer to datasheet	1] 50MM (W) x 1.4MM (T) x 50M (L) 2] 100MM (W) x 1.4MM (T) x 50M (L)
MAXTREAT® GLUE	Thixotropic epoxy adhesive for carbon fibre FRP laminate system.	Bonding carbon fibre plates to concrete substrates such as beams, columns, slabs etc for flexural and shear strengthening.	1m ² /ltr. @ 1 mm thickness	2 LTR PACK



INDUSTRIAL FLOORING

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

PRODUCT	DESCRIPTION	USES	DOSAGE / CONSUMPTION / COVERAGE / YIELD	PACKING
Floor hardners				
TECFLOOR® LS	Lithium silicate based liquid hardener for strengthening and densifying concrete floors.	Useful in increasing abrasion resistance of old and new concrete. Also reduces dust generation. Can be applied on exposed concrete, godowns, warehouses, engineering units etc.	10-12 m ² / ltr	20 & 210 LTR
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 ² Medium duty 5.0 kg/m ² Light duty 3.0 kg/m ²	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/m ² Medium duty 5.0 kg/m ² Light duty 3.0 kg/m ²	30 KG BAG
Resin & Cementitious flooring systems				
TECFLOOR® PC 200	Solvent free polyurethane resin based floor coating	For areas where high abrasions & chemical resistance, good wear & tear resistance, thermal shock resistance is required such as, cold rooms, dairies, pharmaceutical plants, soft drink production areas, laboratories etc.	3.6m ² /ltr for 2 coats	4.5 LTR PACK
TECFLOOR® ET RANGE	Self smoothing seamless epoxy floor topping range from 1mm to 4 mm	Used for floors where hardwearing,hygienic ,easy to clean and chemical resistance is required like industrial floors, workshops, hospitals, assembly plants etc.	7.5 m ² /15 ltr pack @ 2mm thickness 5 m ² /15 ltr pack @3mm thickness 2.5 m ² /15 ltr pack @ 4 mm thickness	15 LTR PACK
TECFLOOR® EC 100	Epoxy resin based, solvent free, floor coating.	For providing a sealing & dustproof coat on floors and easy to clean surface with good chemical resistance for areas including garages, indoor car parks, light industrial buildings, warehouses etc.	45 m ² /pack @ 100 microns WFT per coat	4.5 LTR PACK
TECFLOOR® EC 300	High build, epoxy resin based, solvent free, floor coating.	For providing a high build layer to seal & dustproof floors and provides easy to clean surface with good chemical resistance for areas including garages, indoor car parks, medium to light trafficated industrial buildings, warehouses, etc.	15 m ² /pack @ 300 microns DFT in 2 coats	4.5 LTR PACK



PRODUCT	DESCRIPTION	USES	DOSAGE / CONSUMPTION / COVERAGE / YIELD	PACKING
TECFLOOR® EC 500	Epoxy resin based, solvent free, high thickness floor coating.	For providing a high build layer to seal & dustproof floors and provides easy to clean surface with good chemical resistance for areas including garages, indoor car parks, medium to light trafficated industrial buildings, warehouses, forklift movement areas, etc.	9 m ² / pack @500 microns in 2 coats	4.5 LTR PACK
TECFLOOR® ES	Epoxy resin based, high strength tough screed	For repairing of areas subjected to high impact , tensile and heavy distresses, damages in concrete due to chemical attack.	1.6 m ² / pack @ 5mm thickness	8 LTR PACK
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.	6m ² / pack@ 2mm thickness	12 LTR PACK
TECFLOOR® UL	Epoxy based high strength underlayment	Epoxy based underlayment for epoxy floor toppings and coatings.	7.5 m ² / pack@ 2mm 5 m ² / pack@ 3mm 3 m ² / pack@ 5mm	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.	4-6 m ² / bag @ 4mm thickness	30 KG BAG
Primers				
TECFLOOR® PR	Epoxy based, solvent free, two component primer for concrete surfaces.	For priming concrete surfaces before application of epoxy based coatings & toppings.	5.5 - 6.5 m ² / ltr (Actual coverage may vary as per substrate conditions)	1 & 4 LTR PACK
TECFLOOR® PR Moi	Epoxy based, moisture insensitive primer for concrete surfaces.	For priming damp concrete surfaces before application of epoxy based coatings & toppings.	5.5 - 6.0 m ² / ltr (Actual coverage may vary as per substrate conditions)	1 & 4 LTR PACK
Polyurethane flooring system				
TECFLOOR® PU CEM	Polyurethane concrete floor topping	For areas where high abrasions & chemical resistance, good wear & tear resistance, thermal shock resistance is required such as, cold rooms, dairies, pharmaceutical plants, soft drink production areas, laboratories etc.	4 m ² / pack @ 4 mm thickness	16 LTR PACK



WATERPROOFING

Maxshield® range from Thermax includes entire range of different bases of coatings & membranes for waterproofing of below ground & above ground structures.

PRODUCT	DESCRIPTION	USES	DOSAGE / CONSUMPTION / COVERAGE / YIELD	PACKING
Cementitious systems				
ELASPLAST ROL 10 MuCis	Cementitious ,Two component acrylic modified, elastomeric waterproofing coating with corrosion protection for concrete and masonry	For seamless, flexible, waterproof coating suitable for use in sunken slab, basements sumps, roofs, water tanks, to ensure water tightness.	14-16 m ² @ 1 mm thickness	POWDER 25KG BAG, LIQUID 8.25KG
TECNOSEAL V1	Single component cementitious waterproofing membrane for negative hydrostatic pressure on concrete surfaces	As waterproof coating for constructions in reinforced concrete as facades, reservoirs, swimming pools, and water purification stations. Waterproofing also in situations of high hydrostatic pressures, positive or negative. For the waterproofing of foundations, elevator shafts, retaining walls, or basements in steel reinforced concrete.	3-4 Kg/ m ² @ 2mm thickness	30 KG BAG
MAXRAPID PLUG	Rapid setting cement based leak plugging mortar	Useful for the rapid temporary patching and plugging of concrete segments,sewage systems, below ground access chambers,concrete and brick tunnel linings pipes, foundations, basements and mines.	1 kg can repair approximately 170 cm of 2cm X 2cm crack	5 & 30 KG BAG
Liquid applied systems				
MAXSHIELD® T 15	Acrylic polymer based cementitious waerproofing coating	Waterproofing of basements, toilets, terraces, roofs, swimming pool, water tower etc. Also used for general Concrete repairs.	Refer Datasheet for coverage	1, 5 & 20 LTR
MAXSHIELD® PF 900	Polyurethane based, liquid applied single component, UV stable elastomeric waterproofing membrane with high elongation properties.	Suitable for a wide range of other waterproofing applications such as bridges, inspection pits, foundations, ground floors, suspended floors, car decks, roof terraces, balconies, water retaining structures, sewage works, basements, tunnels and inverted roofs & areas where high vibrations occur.	1.4 - 2.5 kg / m ² in 2 or 3 layers	25 KG, 6 KG & 1 KG metal pails
MAXSHIELD® ROOFKOT	Highly durable elastomeric acrylic waterproofing coating	For terrace and roof waterproofing with superior aesthetics.	1m ² /ltr @ 1mm WFT per coat	1, 5 & 20 LTR
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 to datasheet	1, 5 & 20 LTR
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 ² depending on concrete porosity.	5 & 20 LTR
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 m ² / ltr	5 & 20 LTR
MAXSHIELD® PROTECT	Liquid applied acrylic polymer based waterproofing	Waterproofing of roofs,slabs, balconies, toilets, bathrooms, basements and water tanks.	2 kg Cement : 1 ltr Maxshield protect	25 LTR, 5 LTR & 1 LTR
Crystalline systems				
CRYS-TECO PWD	Single component, cementitious crystalline waterproofing for concrete surfaces.	Suitable as waterproof coating for constructions such as concrete foundations and walls, marine structures, elevated slabs, concrete slabs on grade, and ramps, bridge decks ,piezometric towers.	0.75 kg / m ² @ 1mm thickness	30 KG BAG
CRYS-TECO TENSIOS	Single component, liquid sprayed crystalline waterproofing for concrete surfaces.	For protection, transparent sealing and waterproofing of old or new concrete structures, bridge beams or pillars, prefabricated , underground structures to be protected from rising humidity ,reservoirs and cooling towers .	2-3 m ² / ltr	20 LTR



SEALANTS

Maxflex[®] range of flexible jointing and sealing materials for filling expansion, contraction, construction & isolation joints in civil engineering structures.

PRODUCT	DESCRIPTION	USES	DOSAGE / CONSUMPTION / COVERAGE / YIELD	PACKING
MAXFLEX [®] ACS	Acrylic based, single part sealant	For sealing internal & external non structural cracks.	Refer to datasheet	1 KG
MAXFLEX [®] PS	Polysulphide sealant (2 part) in pourable & gun grade	For filling of expansion joints in most of the civil structures like residential & commercial buildings, industrial superstructure, subways , bridges etc. have excellent bonding with cementitious surfaces.	Refer to datasheet	4 KG PACK
MAXFLEX [®] PSPR	Primer for Maxflex PS	For priming concrete & joint surfaces prior to the application of Maxflex PS (Polysulphide sealant).	Refer to datasheet	250 ML
MAXFLEX [®] PU	Polyurethane based two part, high performance, hydrocarbon resistant joint sealant .	For filling horizontal joints in concrete pavements, runways, roads etc. also suitable where good fuel, oil spillage & hydrocarbon resistance is required .	Refer to datasheet	2.5 LTR PACK
MAXFLEX [®] PUPR	Primer for Maxflex PU	For priming concrete & joint surfaces prior to the application of Maxflex PU (Polyurethane sealant).	Refer to 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 to 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 to datasheet	4.0 LTR PACK

ADHESIVES

TM-Bond® range of bonding agents for providing structural integrity & bonding of old & new concrete / mortars & precast segments / panels

Maxtite® range of specialty tile adhesives for fixing tiles on the floors, walls & swimming pools.

PRODUCT	DESCRIPTION	USES	DOSAGE / CONSUMPTION / COVERAGE / YIELD	PACKING
Bonding Agents				
TM-BOND® AR	Acrylic polymer based bonding agent cum cement mortar modifier.	For bonding and priming the surfaces before application of cementitious based repair, flooring systems.	6 - 8 m ² / ltr	1, 5 & 20 LTR
TM-BOND® SBR	Styrene butadiene rubber based polymer bonding agent cum cement mortar modifier for mortar and concrete	For modifying and improving bonding of cementitious floor toppings, renderings and mortars; repair of worn, damaged and spalled concrete, repair of large cracks.	6- 7 m ² / ltr	1, 5 & 20 LTR
TM-BOND® EP	Epoxy resin based, solvent free concrete bonding agent	For bonding old & new cementitious surfaces. Suitable for both horizontal & vertical application. Ideal for extensions and repairs to structural concrete in buildings, loading bays, bridges, roads, bonded or granolithic floor toppings etc.	2.0 - 2.5 m ² / ltr	0.5, 1 & 4 LTR PACK
TM-BOND® SG	Epoxy based thixotropic adhesive for precast segments	For bonding precast concrete segments in bridges, tunnels, flyovers & industrial structures to speed up construction and provide a structural and water resistant joint.	2 ltr / m ² @ 2 mm thickness	3.7 LTR PACK
Tile adhesives				
MAXTITE® MP	Single component, ceramic tile adhesive	An adhesive for the permanent fixing of ceramic tiles in residential & commercial floorings, kitchens, toilets etc. Also used for tile on tile applications.	3.8 kg/m ² @2 mm thickness.	5 & 30 KG BAG
MAXTITE® MG	Polymer modified tile adhesive for marble & granite.	For permanent fixing of granite, marble & other stone tiles.	6.2 kg/m ² @ 3mm thickness	5 & 30 KG BAG
MAXTITE® DS	Tile adhesives for damp & submerged conditions	High quality adhesive for the permanent fixing of ceramic tiles both in internal and submerged conditions i.e., swimming pools, ponds, toilets, kitchens, flooring etc.	3.8 kg/m ² @2 mm thickness.	5 & 30 KG BAG
Tile Joint fillers				
MAXTITE® GROUT	Cement based pigmented tile joint filler.	To provide an impermeable, strong & easy to clean tile joint.	40 Mtr in a 3mm x 5mm joint / kg	1 KG BAG
MAXTITE® GROUT EP	Water miscible, epoxy resin based, pigmented tile grout	Joint filler for high chemical resistance in pharmaceuticals, hospitals, laboratories, shopping malls, theatres & office spaces etc.	Refer to datasheet	2.5 LTR PACK
Block adhesive				
MAXTITE® BLOCK FIX	Adhesive Bonding Material for Blocks.	For permanent fixing of concrete blocks, fly ash blocks.	3.8 kg/m ² @2 mm thickness.	5 & 30 KG BAG



Research and Development

The division's R&D, with its state-of-the-art laboratories is at the forefront of developing new products and technologies. Our R&D is approved by the department of science & technology, government of India and collaborates with many scientific and academic institutes. Thermax delivers the next generation of customer focused technologies within our core technologies using its unique, market - based management approach.

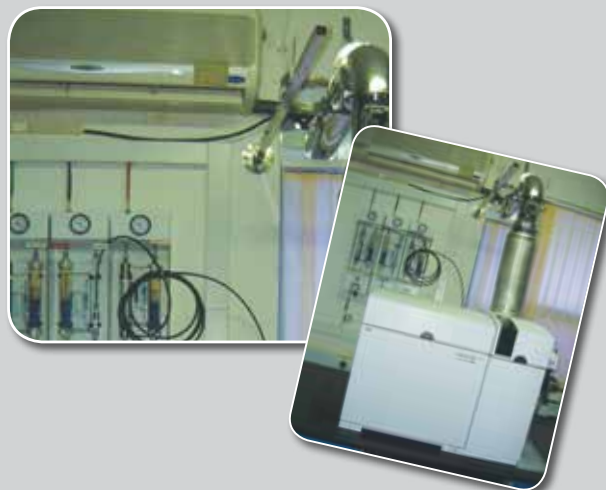
Credentials

Thermax chemical division's manufacturing is accredited with ISO 9001:2008, ISO 14001:2004 and OHSAS 18001:2007 certifications.

Quality Assured Manufacturing

Thermax is committed to develop, manufacture, deliver and apply quality specialty chemicals to meet customer expectations.

Thermax chemical division complies with the requirements of ISO 9001 and continually improves the effectiveness of the quality management system by establishing and reviewing quality objectives.



Thermax Channel Associates & Applicators- Closer to you

Introducing Thermax channel associates (TCA's) & Applicators, your single point source for all construction chemical solutions. TCA's & Applicators help you manage your business better by extending technical & after sales support from a location nearer to your site.

Your knowledge partner

TCA's & Applicators are able to troubleshoot and offer solutions specific to your needs since they are equipped with Thermax's extensive knowledge of applications gained from working with various industries worldwide.

TCA's & Applicators shall also involve in systematic knowledge transfer through training sessions for customer personnel. Our business is about 'effective customer solutions' through innovations and development, service and co-operation. Our dynamic teams focus their energy and resources to offer the very best solutions to customers needs



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Thermax Business Portfolio

Chemicals

Absorption Cooling

Air Pollution Control

Boilers & Heaters

Power

Water & Waste Solutions

Solar

Our Global Network



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Note: Products are manufactured & marketed by **Thermax Ltd.** under technology licence agreement with **Tecnochem Italiana S.p.A**

