

A WIDE RANGE OF CONSTRUCTION CHEMICALS



Sealants & Adhesives | Crack Fillers | Waterproof Coatings | Liquid Membrane
Grouts | Cement Modifiers | Admixtures | Repairs & Rehabilitation | Polyurea



Each one of us works towards having a better version of the world where we all feel safer inside our homes. We, at Choksey Chemicals, strive to make such a world possible.

Choksey Chemicals Pvt. Ltd (CCPL) is an ISO 9001:2015, 14001:2015 and 45001 certified company pioneering in Construction & Waterproofing Chemicals in India. Since our genesis in 1985, our company has focused on providing comprehensive solutions for construction and waterproofing chemicals. Identifying the need for reliable construction chemicals and pioneering innovative waterproofing solutions has been our forte. We are the only Indian company to have received an award for the Indigenisation of Polysulphide Sealants (Techseal) by the Government of India. By virtue of our robust infrastructure facilities, including in-depth industry knowledge, advanced manufacturing processes, Pan-India distribution network, excellent global partnerships and our irrevocable commitment to R & D, we have remained as an unequivocal leader in the industry. Further, our merger with Saint Gobain has added new retail opportunities for us across India and cemented our place in the marketplace.

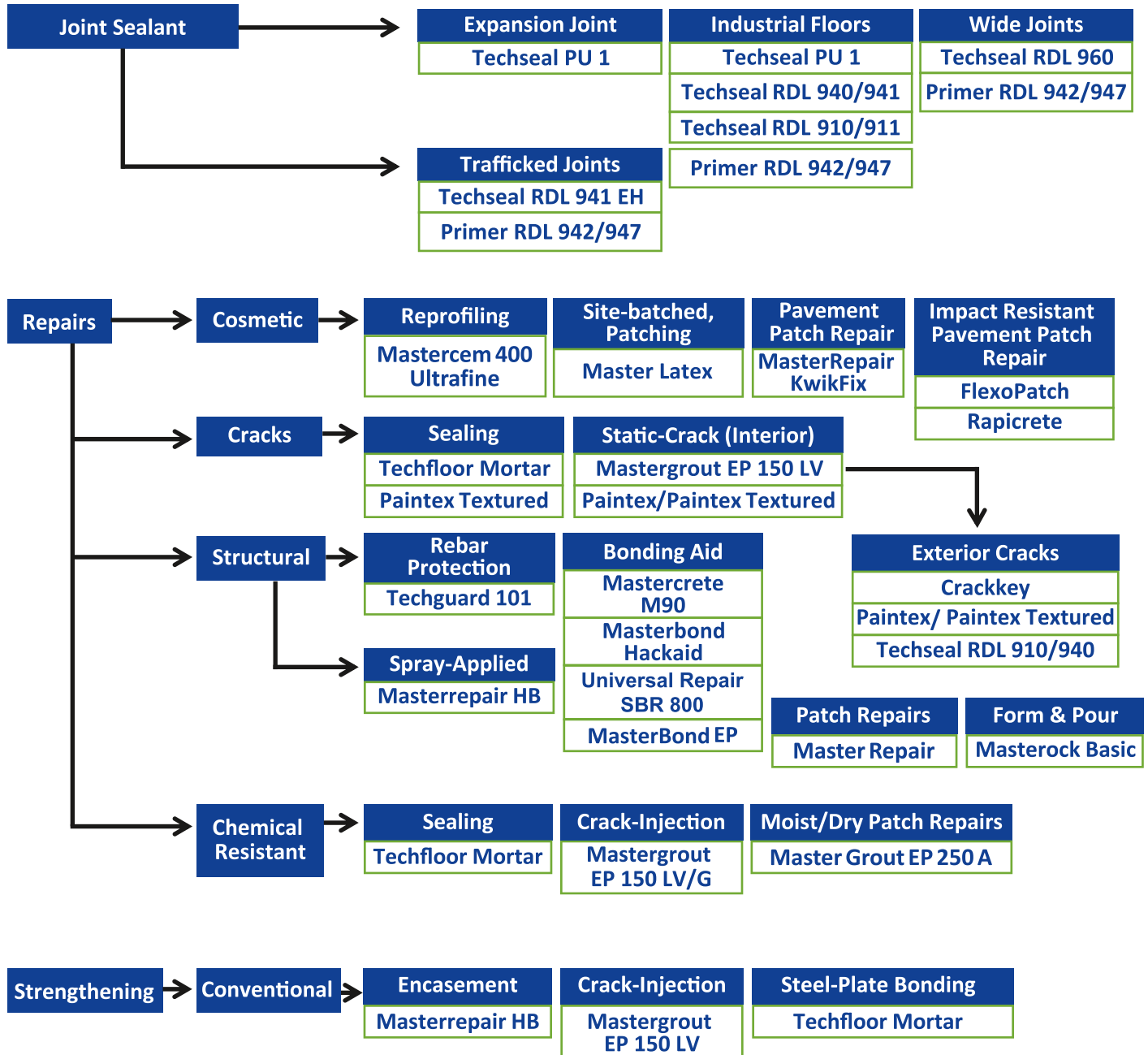
We have a highly competent team that assures timely services that are backed by dependable technical know-how and provides critical assistance to our clients worldwide with precision. We take pride in being the end-to-end solutions provided in the industry. Choksey's FixGuruu is the future of waterproofing solutions at your fingertips. Maintaining the legacy of innovation at Choksey Chemicals, we launched our New Brand "Fixguruu" with futuristic approach to provide a holistic waterproofing solutions platform for our end users. With improved products and dedicated service we want to invariably raise the bar in the industry. Over the coming years, through FixGuruu, we plan to cement our place in the market as the 'Guru' of waterproofing solutions.

OUR CERTIFICATIONS

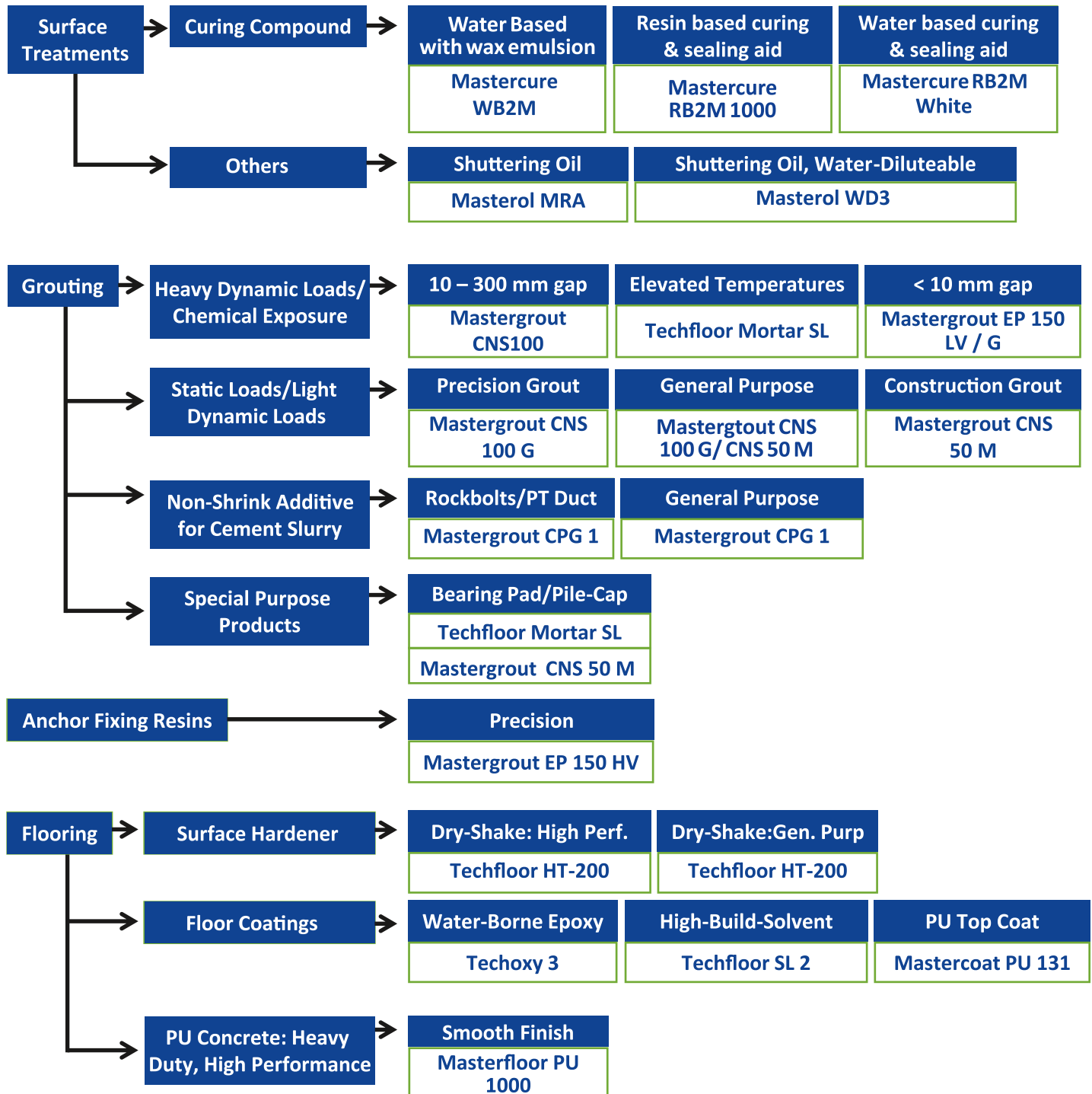


PRODUCT CATEGORISATION

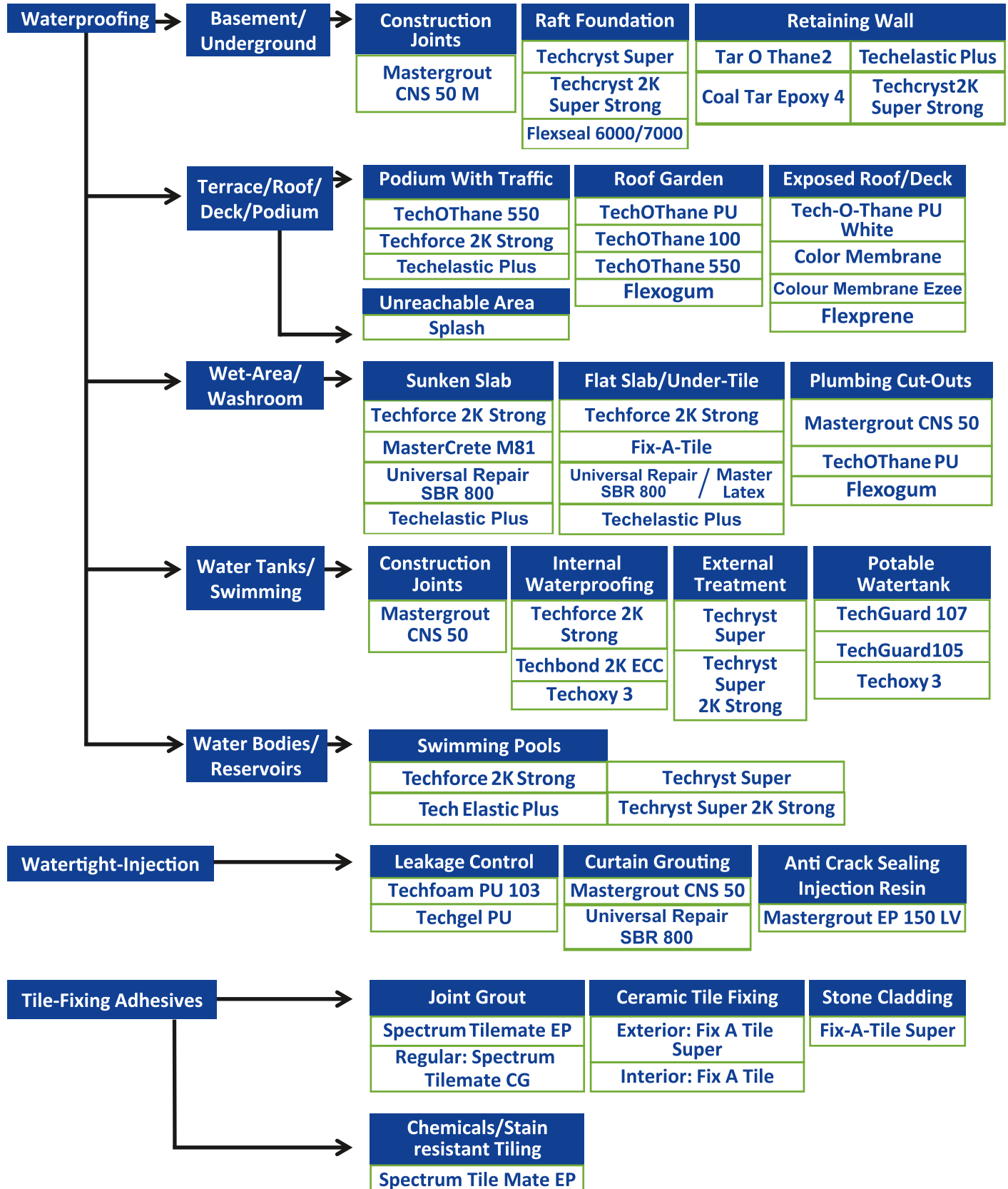
1	Joint Sealants	09-10
2	Water Proofing	11-16
3	Grouting	17-18
4	Water-tight Injections	19-20
5	Repair	21-26
6	Surface Treatments	27-28
7	Flooring	29-30
8	Tile Fixing	31-32
9	Strengthening	33-34
10	Protection	35-38
11	Admixtures	39-42
12	Membrane & Accessories	43-46



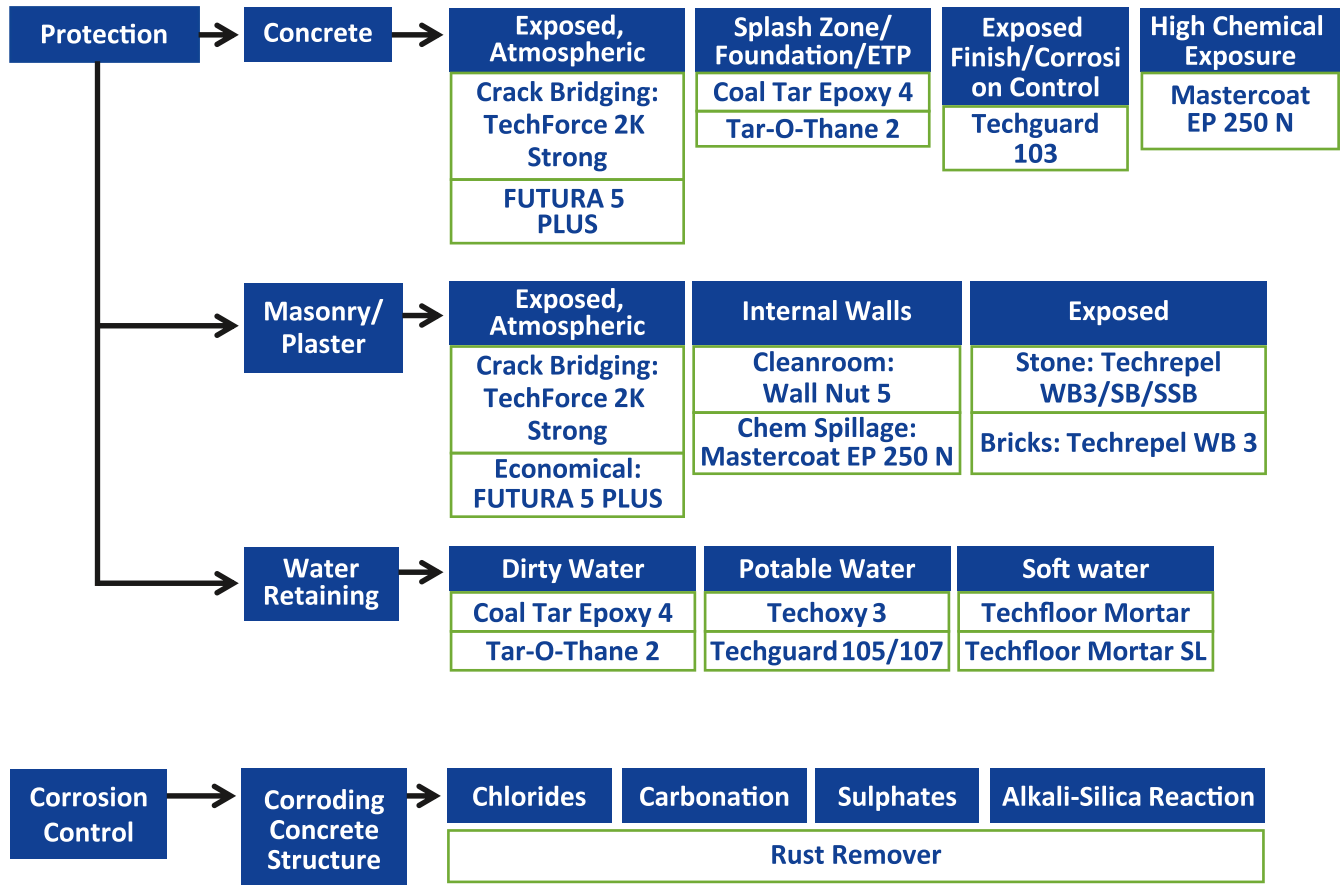
Surface Treatments | Grouting Anchor Fixing Resins | Flooring



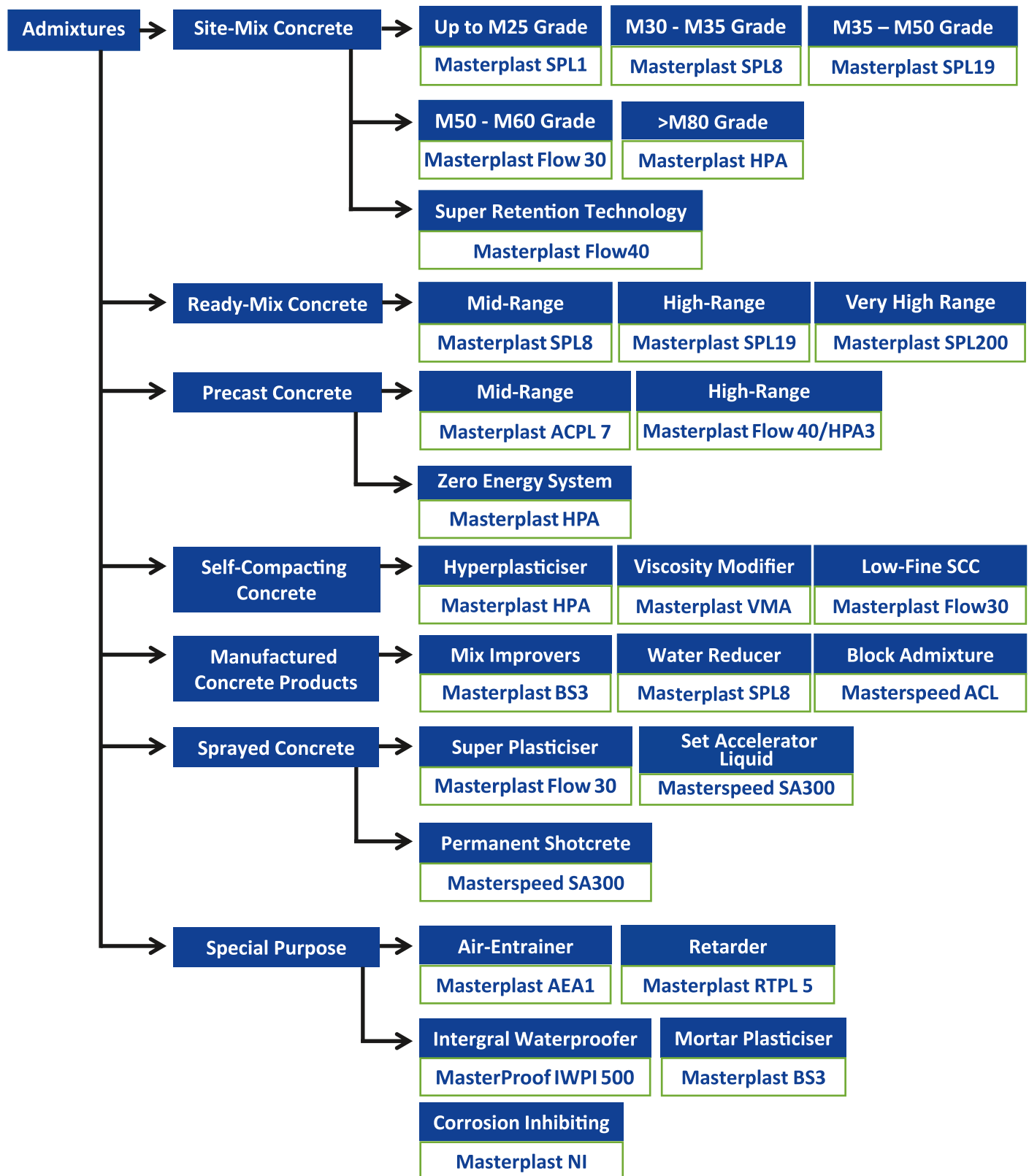
Water Proofing | Tile-Fixing Adhesive Watertight-Injection



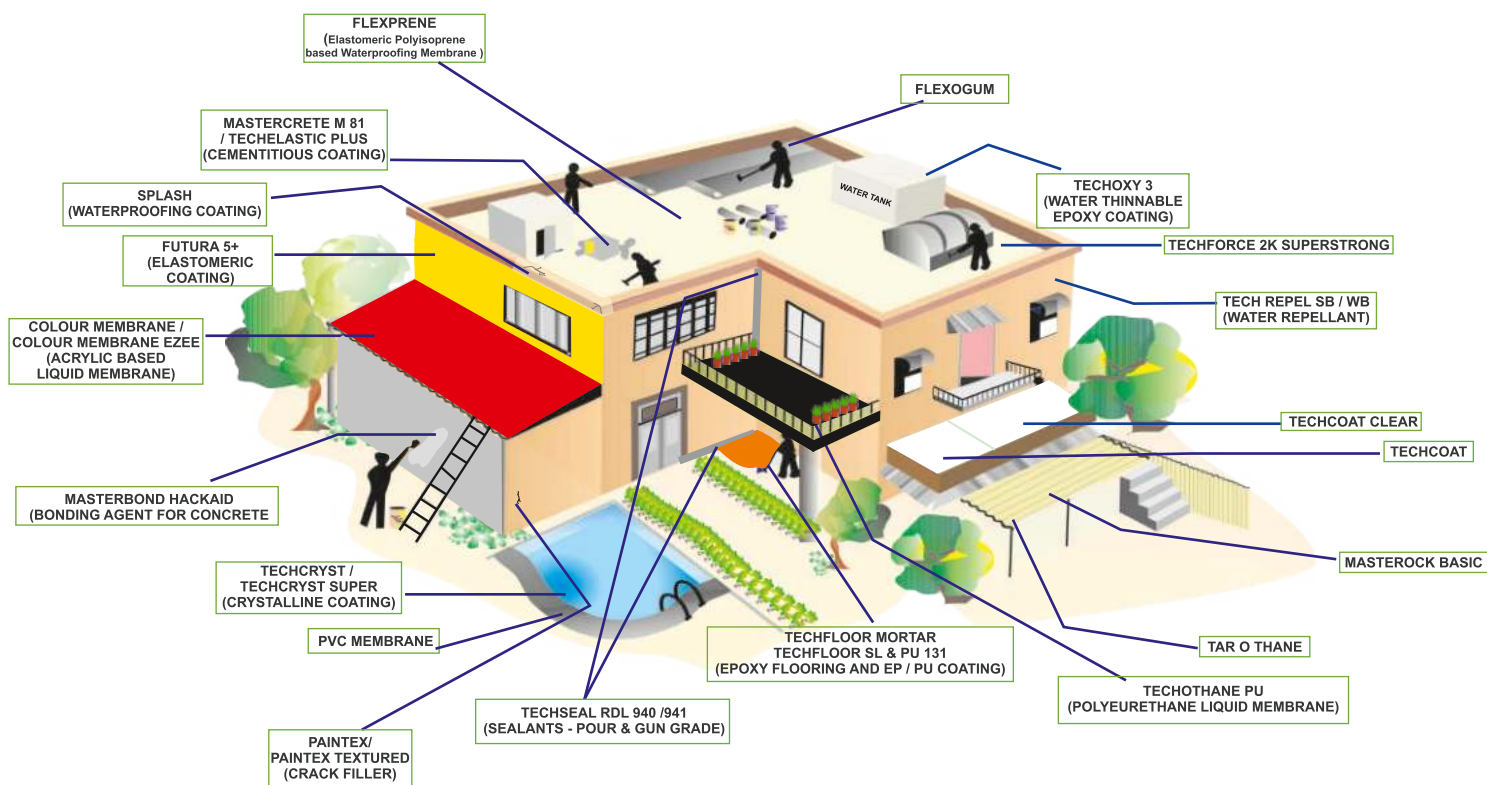
Protection | Corrosion Control



Admixtures





FIXGURUU'S WATERPROOFING SYSTEM

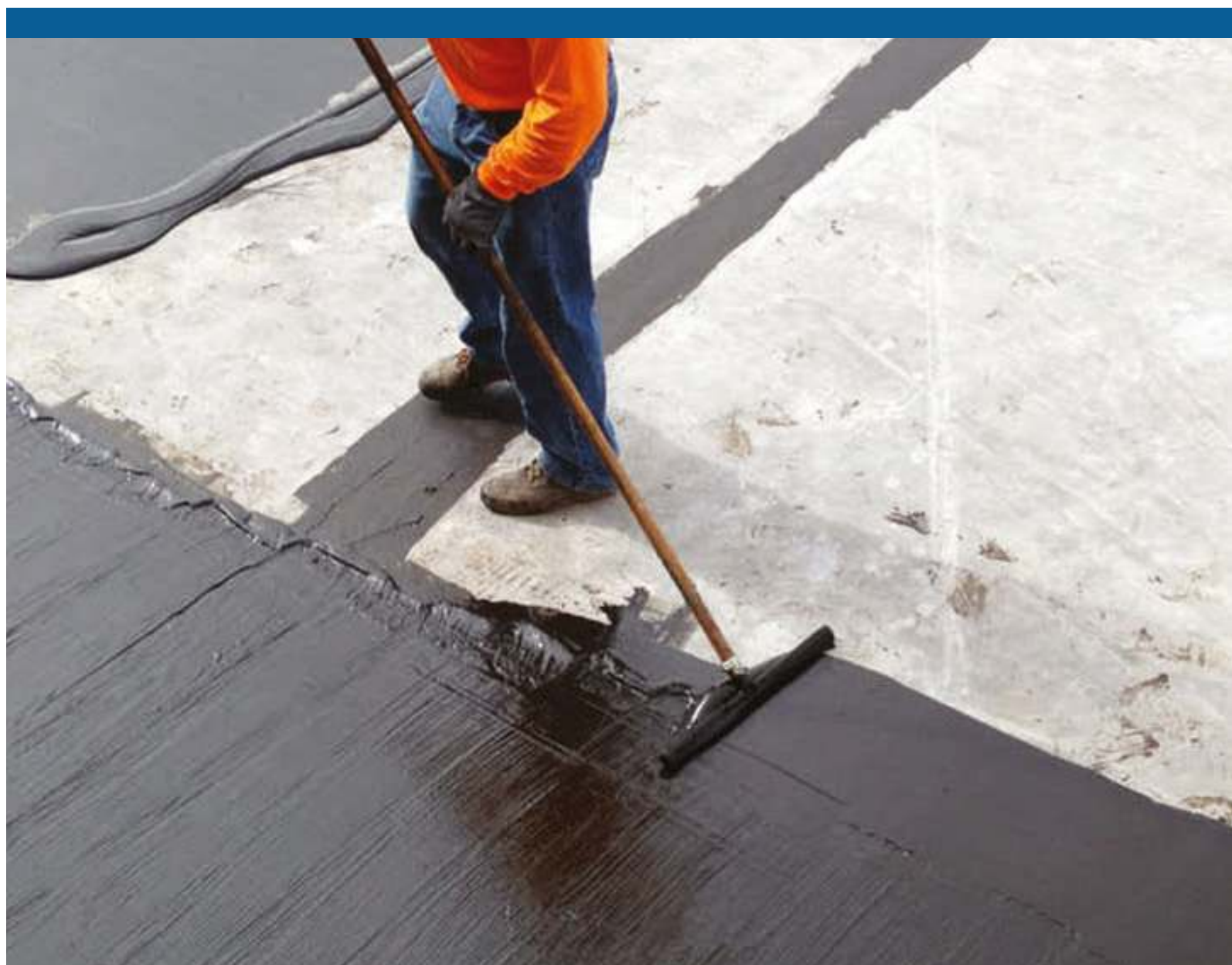


JOINT SEALANTS






PRODUCT	PACKING	APPLICATIONS	FEATURES & BENEFITS	USAGE GUIDELINES	ESTIMATION
	TECHSEAL RDL 910 (GUN GRADE) / 911 (POUR GRADE)				
	6.5 Kg	<ul style="list-style-type: none"> Expansion joints Sealing of cracks Window & door Water retaining structure 	<ul style="list-style-type: none"> Bonds strongly Slip resistant Non-toxic No staining Reparability property 	Apply masking tape such on both edges of the joint & apply or pour sealant after homogeneous mixing of base & accelerator.	i) RDL-910-L = 650/(W X D) ii) RDL-911-L = 625/(W X D) Where, L = Length of the joint in linear running meter W= Width of the joint in mm. D = Depth of the joint in mm (For 1Kg)
	TECHSEAL RDL 940 (GUN GRADE) / 941 (POUR GRADE)				
	4, 6.5 kg	<ul style="list-style-type: none"> Expansion joints Sealing of cracks Window & door Water retaining structure 	<ul style="list-style-type: none"> Bonds strongly Slip resistant Non-toxic No staining Reparability property 	Apply masking tape such on both edges of the joint & apply or pour sealant after homogeneous mixing of base & accelerator.	i) RDL-940 -L = 650/(W X D) ii) RDL-941- L = 625/(W X D) Where, L = Length of the joint in linear running meter W= Width of the joint in mm. D = Depth of the joint in mm (For 1Kg)
	TECHSEAL RDL 941 EH : COMPLIES TO BS: 5212 POURING GRADE				
	6.5 kg	<ul style="list-style-type: none"> Expansion joints Extreme temperature regions Water retaining 	<ul style="list-style-type: none"> Fire Resistance Non toxic Slip resistant Reparability property Bonds strongly 	Apply masking tape such on both edges of the joint & apply or pour sealant after homogeneous mixing of base & accelerator.	L = 625 / (W X D) Where, L = Length of the joint in linear running meter W= Width of the joint in mm. D = Depth of the joint in mm(For 1Kg)
	TECHSEAL PU1 : SINGLE COMPONENT POLYURETHANE SEALANT				
	600 ml sausages	<ul style="list-style-type: none"> Wood, Glass Concrete Ceramic tiles Stoneware Highways 	<ul style="list-style-type: none"> Cures under the atmospheric humidity High elastic Tear & weather resistant 	Apply masking tape on both edges of the joint. Apply the homogenous mixed sealant material in the joint.	L = 833 / (W X D) Where, L = Length of the joint in linear running meter W= Width of the joint in mm. D = Depth of the joint in mm
	PRIMER RDL 942 : PRIMER FOR SEALANTS (FOR POROUS SUBSTRATE)				
	500 ml, 1 litre	<ul style="list-style-type: none"> Cement Concrete Wood Asbestos Stones 	<ul style="list-style-type: none"> Penetrates deeply into the substrate Enhances the bonding Unaffected by UV rays & weathering conditions 	Clean the surface with brush & ensure no loose particle remains on the substrate.	50-60 sq. ft./ltr/ coat
	PRIMER RDL 947 : PRIMER FOR SEALANTS (FOR NON-POROUS SUBSTRATE)				
	250, 500 ml, 1 litre	<ul style="list-style-type: none"> Glass Metal 	<ul style="list-style-type: none"> Enhances the bonding Unaffected by UV rays & weathering conditions 	Clean the surface with brush & ensure no loose particle remains on the substrate.	50-60 sq. ft./ltr/ coat
	TECHSEAL PU 2 : TWO PART POLYURETHANE JOINT SEALANT (GUN GRADE) / (POUR GRADE)				
	4 kg	<ul style="list-style-type: none"> Sealing floor joints Potable watertanks Granite Airport runways 	<ul style="list-style-type: none"> Fast curing & setting Excellent adhesion Paintable 	Apply masking tape such on both edges of the joint & apply or pour sealant after homogeneous mixing of base & accelerator.	L = 660 / (W X D) Where, L= Length of the joint in linear running meter W = Width of the joint in mm. D = Depth of the joint in mm.

WATERPROOFING






PRODUCT	PACKING	APPLICATIONS	FEATURES & BENEFITS	USAGE GUIDELINES	ESTIMATION
	MASTERGROUT EP 150 HV : POLYESTER RESIN BASED GROUT				
	1 kg	<ul style="list-style-type: none">Foundation bolts,Base platesRailway tracksTieback anchorsDock sills	<ul style="list-style-type: none">Rapid strength gainVibration resistant,Corrosion resistantNon expansive	Complete pack of resin and catalyzed filler should be mixed in one operation	Minimum hole Depth (mm) = $0.6Y/SPd2 \times P(d1)/4 = 0.15Y(d1)/Sd2$
	TECHCRYST SUPER : ADMIXTURE WITH CRYSTALLISATION & OSMOTIC PROPERTIES				
25 kg Bag	<ul style="list-style-type: none">Water tanksBasementsSwimming poolsConcrete foundations	<ul style="list-style-type: none">Seals crack up to 0.4 mm.Resists the corrosive effects of salt waterAllows the substrate the water vapour diffusion	Clean the surface . Applications made at high temperatures or sprayed, the water ratio can be increased slightly.	Brush, broom or spray is between 1 & 1.5 kg/m2 per coat	
	TECHCRYST 2K SUPER STRONG : TWO - COMPONENT FOR BOTH POSITIVE & NEGATIVE SIDE WATERPROOFING				
33 kg	<ul style="list-style-type: none">BasementsWater tanksSwimming poolsLifts fits	<ul style="list-style-type: none">Bonds extremely wellPermanently stable, impermeable to water pressure	Clean the surface & must be solid, supportive, gypsum free, absorbent & mostly level	Ground water: 1.5 -2.0 kg/m² Approx. 1.5 mm	
	TAR-O-THANE 2 : BLACK POLYURETHANE WATERPROOFING COMPOUND				
	1, 4, 20 ltr	<ul style="list-style-type: none">RoofCement concreteToiletPipelines	<ul style="list-style-type: none">No heating requiredNo external curing requiredModerate UV resistantWater resistant	Surface preparation is important & will affect the degree of adhesion & life of the coating.	Concrete Surface 40-45 sq.ft./Ltr/Coat
	COAL TAR EPOXY 4 : WATERPROOFING & ANTI-CORROSIVE SYSTEM				
	1, 4, 20 ltr	<ul style="list-style-type: none">Building roofAnticorrosive coatingRetaining wallTP tank	<ul style="list-style-type: none">Easily applicableBonds stronglyNo primer requiredUV resistant & Tough elastic waterproof film	Clean the surface substrate. All loose particles should be removed by brushing scraping or acid etching.	30-35 sq.ft./ltr/ coat for 250 µ
	TECHFORCE 2K STRONG FLEXIBLE, TWO-COMPONENT SEALING SLURR - NON TOXIC				
30 kg	<ul style="list-style-type: none">Swimming poolsWater tanksTerracesSewage effluent tanksBathroom toilets	<ul style="list-style-type: none">BreathableNon-toxicHydrostatic water pressure resistanceChloride freeGood Adhesion	Water Ponding is a MUST-TO-DO before surface preparation to identify water leakages on the substrate.	1.75 kg/m2/mm 70% to 80% elongation	
	TECHOTHANE PU BLACK : HIGH BUILD ELASTOMERIC BITUMINOUS MODIFIED POLYURETHANE BASED WATERPROOFING MEMBRANE				
	20 kg	<ul style="list-style-type: none">Roof terracesBalconiesPodiumsBridgesParking areas	<ul style="list-style-type: none">Non-toxicExcellent watervapour barrierChemical resistanceRapid installationAnti root	DFT should not be less than 0.5 mm or more than 1.0 mm for each coat	1.7 to 1.8 kg/ m² mm

PRODUCT	PACKING	APPLICATIONS	FEATURES & BENEFITS	USAGE GUIDELINES	ESTIMATION
	TECHOTHANE PU WHITE : HIGH BUILD ELASTOMERIC POLYURETHANE BASED WATERPROOFING MEMBRANE				
	20 kg	<ul style="list-style-type: none"> • Roof terraces • Balconies • Podiums • Bridges • Parking areas 	<ul style="list-style-type: none"> • Non-toxic • Excellent watervapour barrier • Chemical resistance • Rapid installation 	DFT should not be less than 1.0 mm	1.7 to 1.8 kg/m ² / 1 mm
	TECHOTHANE PU 90 : HIGH BUILD POLYURETHANE COATING				
	25 kg	<ul style="list-style-type: none"> • Balconies, Terraces and Verandas • Protection coat under PU Foam • Roofs 	<ul style="list-style-type: none"> • Simple application • Increases the mechanical properties • Resistant to water, heat and frost 	Applied by brush trowel, and squeegee in two coats maintaining the spreading rate to achieve the desired DFT of 1.0 mm	0.8 to 0.9 kg/m ² /coat/0.5 mm DFT.
	TECHOTHANE 550 : ELASTOMERIC HYBRID POLYURUA COATING (DRY SPELL)				
	30 kg	<ul style="list-style-type: none"> • Industrial floors • Food industry • Warehouses • Service stations • Chemical plants 	<ul style="list-style-type: none"> • Chemical, thermal, UV & weather resistance • Elastic • Compatible to old layers of bitumen 	Applied by brush trowel, and squeegee in two coats maintaining the spreading rate to achieve the desired DFT of 1.0 mm	1.6 to 1.8 kg/Sq.mt/coat/1.0 mm DFT
	COLOUR MEMBRANE : ACRYLIC LIQUID WATER PROOFING MEMBRANE				
	4, 20 kg	<ul style="list-style-type: none"> • Terraces balconies • Damp & wet rooms • Flat or sloping roofs • Foundations • Bridges 	<ul style="list-style-type: none"> • Bridges surface stresses & hairline cracks • Adheres well to dry, wet, absorbent & non-absorbent surfaces • Liquid membrane 	Applied by brush trowel, and squeegee in two coats maintaining the spreading rate to achieve the desired DFT of 1.0 mm	1.6 to 1.8 kg/Sq.mt/coat/1.0 mm DFT
	COLOUR MEMBRANE EZEE : FIBER REINFORCED ACRYLIC WATERPROOF COATING				
	5, 20 kg	<ul style="list-style-type: none"> • Building Roofs/Terraces • Metal or corrugated sheets • Vertical walls 	<ul style="list-style-type: none"> • Tough & abrasion resistant • Highly durable & light weight • Flexible & elastic • Anti carbonation 	Applied by brush trowel, and squeegee in two coats maintaining the spreading rate to achieve the desired DFT of 0.5 mm	2.2 to 2.3 sq. mt./lit/0.250mm DFT
	SPLASH : WATERPROOFING LIQUID FOR UNREACHABLE AREAS				
	1, 5, 20 Litre	<ul style="list-style-type: none"> • Building Roofs/Terraces • Metal or corrugated sheets • China-chips joints • Unreachable areas 	<ul style="list-style-type: none"> • Easy to apply • Transparent coating • Bond Strongly 	Surface should be free from the loose particles, pour the SPLASH on the area where it is to be applied.	Concrete surface (On Throwing) : 15 -20 sq.ft./ltr./2coats @ 70 -75 μ

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	MASTERCRETE M81 : 100% ACRYLIC CEMENT MODIFIER				
	1, 5, 20, 50, 200 litre	<ul style="list-style-type: none"> Building terrace Basements Bridge decks Factory floors Sunken area 	<ul style="list-style-type: none"> Easily mixed with cement Can be over coated by exterior emulsion coating Resist to bacteria & fungus Non-hazardous 	Coating should be protected from movements of traffic for at least 48hrs & kept moist for the next 24 hrs	<ul style="list-style-type: none"> Bond coat (1:1 ratio) - 50-60 sq.ft./1 coat Waterproofing- 30-35 sq.ft./ltr/coat
	UNIVERSAL REPAIR SBR 800 : SBR LATEX FOR WATERPROOFING & REPAIRS				
	1, 5, 20 litre	<ul style="list-style-type: none"> Masonry walls Sloping RCC roofs Mortars/Concretes 	<ul style="list-style-type: none"> Easy application Excellent cement modifier Useful as a bonding agent 	Clean the surface & consume mixed material within 45 minutes	20-22 sq. ft./kg for 2 coats (cement in the Proportion 1:1.5)
	TECHOXY 3 - WATER THINNABLE EPOXY COATING (CFTRI APPROVED)				
	1, 2, 10 kg	<ul style="list-style-type: none"> Damp walls Primer before painting Water storage tanks 	<ul style="list-style-type: none"> Water dilutable Bonds strongly on cement concrete/mortar etc Eco friendly & non-toxic in nature 	Clean the surface through wire brush, mix Part I, II & water by wt. (1:1:1) properly and apply on recommended area.	Coverage : 70-80 sq.ft./kg/coat
	FIX A TILE : TILE FIXING ADHESIVE				
	20, 30 kg	<ul style="list-style-type: none"> Interiors & exterior applications Marbles, mosaic or ceramic tiles Available in all four grades 	<ul style="list-style-type: none"> Adjustability time of 45 minutes Bond strength is superior Resistant to water & dilute acids Chloride free 	Clean the surface. A layer of 3 mm thickness between the tile & surface should suffice	2-3 Kg/sq.mt.
	MASTER LATEX : STYRENE BUTADIENE LATEX				
	1, 5, 20 ltr	<ul style="list-style-type: none"> Basement Swimming pools Terrace Bonding agent Water tanks 	<ul style="list-style-type: none"> Increases flexural & tensile strength Reduced shrinkage High strength Abrasion resistant 	Prepare a surface as per std practice then apply as per requirement of application	Bond coat : 60±5 sq. ft./ltr/coat Waterproof Coat : 30± 5 sq. ft./ltr/coat
	TECHGUARD 105 : A NON - TOXIC, FLEXIBLE HIGH BUILD, EPOXY POLYSULPHIDE COATING				
	5, 20 kg	<ul style="list-style-type: none"> Concrete Metal tanks Oil refineries Paper mills Power stations 	<ul style="list-style-type: none"> Superior chemical resistance Waterproof & protective Durable UV resistant 	Prepare a surface as per std practice then mix part I & II properly & apply on recommended surface	22 sq.ft / kg / 2 coats/DFT 0.200 mm
	TECHGUARD 107 LP/ EP : A NON - TOXIC EPOXY POLYSULPHIDE PRIMER				
	5, 20 kg	<ul style="list-style-type: none"> Concrete Steel Metal 	<ul style="list-style-type: none"> Superior chemical resistance Protective Durable Flexible 	Prepare a surface as per std practice then mix part I & II properly & apply on recommended surface	25 sq.ft / kg / 2 coats/DFT 0.150 mm

PRODUCT	PACKING	APPLICATIONS	FEATURES & BENEFITS	USAGE GUIDELINES	ESTIMATION
	BLACKMASTER LM : SINGLE COMPONENT ELASTOMERIC BITUMINOUS ACRYLIC LIQUID MEMBRANE				
	20 Kg	<ul style="list-style-type: none"> Roof, balconies, terraces, parking area, water reservoir Facade s Curing membrane and protective coating 	<ul style="list-style-type: none"> Non-toxic , Eco friendly Can be applied in moist roof also Excellent water vapour barrier Good compatibly with tile adhesive Resist growth of roots 	Clean the surface . Prime the surface with BLACK MASTER LM and water in 50: 50 ratios. Apply BLACKMASTER LM by brush or roller on primed surface	1 m2/kg/0.5 mm DFT
	TECHCOAT : WHITE POLYURETHANE WATERPROOF COATING				
	1, 4, 20 ltr	<ul style="list-style-type: none"> External vertical walls Terraces Flat or sloppy roofs Chajjas 	<ul style="list-style-type: none"> Cold curing UV resistant Bonds strongly Resistance to fungus 	Surface preparation is of great importance and will affect adhesion and life of the coating.	Coverage Concrete : 40-45 sq. ft./lit/coat Steel : 70-75 sq. ft./lit/coat
	TECHCOAT CLEAR : POLYURETHANE CLEAR COATING				
	1, 4, 20 ltr	<ul style="list-style-type: none"> External vertical walls Wood Asbestos concrete 	<ul style="list-style-type: none"> Cold curing UV resistant Bonds strongly Resistance to fungus 	Surface preparation is of great importance and will affect adhesion and life of the coating.	Coverage Concrete - 35-40 sq.ft./ltr/coat Steel - 50-60 sq.ft./ltr/coat
	SUNSHIELD 100 : 100% PURE ACRYLIC SOLAR REFLECTIVE COATING				
	1, 4, 20 ltr	<ul style="list-style-type: none"> Asbestos sheets Sloping roofs Water storage tanks Warehouses 	<ul style="list-style-type: none"> Resistance to chalking and flaking UV resistance Aesthetic appeal Breathability 	Surface preparation is of great importance and the substrate should be free from Chalking	Coverage Concrete:20-25 sq. ft./lit/coat Plastic&metl:25-30 sq. ft./lit/coat
	TECHELASTIC PLUS : TWO COMPONENT ELASTOMERIC CEMENTITOUS COATING				
	12 kg	<ul style="list-style-type: none"> Cellars Terraces Bathrooms Walls for artificial lakes Swimming pools Water Tanks Balcony 	<ul style="list-style-type: none"> Excellent waterproofing membrane Strong Adhesion Resists positive & negative water pressures Superior waterproofing High resistance 	Apply the mixed material using a short, stiff bristle brush (120—150mm width) & apply the material like paint.	The coverage is 1.55 to 1.65 kgs/m2 in 2 coats for 1mm thickness. 160 - 170% elongation
	TECHBOND 2K ECC				
	5, 15 kg	<ul style="list-style-type: none"> Water retaining structures Cellars Terraces Bathrooms Walls for Artificial Lakes Swimming pools Water tanks Terraces 	<ul style="list-style-type: none"> Excellent waterproofing membrane Strong Adhesion High performance Superior waterproofing property High resistance 	Water ponding is MUST-TO-DO before surface preparation to identify water leakages on the substrate. The surface to be applied should be free from oil, grease and dirt etc.	The coverage is 1m2 /1.4 kg/ 2 coats for 1mm thickness.

PRODUCT	PACKING	APPLICATIONS	FEATURES & BENEFITS	USAGE GUIDELINES	ESTIMATION
	MASTERCRETE M90: HIGH SOLID 100% ACRYLIC CEMENT MODIFIER				
	1, 5, 20, 50, 200 ltr	<ul style="list-style-type: none"> Building terrace, toilet sunken portion, basements, water tanks, swimming pools Bridge decks Traffic aprons Runway Parking garages 	<ul style="list-style-type: none"> Bonds strongly Prevents salt penetration Unaffected by UV light It is non-flammable 	The surface must be free from dust, coatings, loose particles, fungus, moss, oils, and mould release agents.	Bond Coat - 50 -60 sq. ft. /coat Coating - 60-70 sq. ft. /coat
	FLEXOGUM : WATER BASED LIQUID APPLIED RUBBERIZED ASPHALT MEMBRANE				
	20 kg	<ul style="list-style-type: none"> Balconies Old/new foundation New/old metal sheets Anti-rust protection 	<ul style="list-style-type: none"> Ecofriendly waterproofing system Protect and seals small cracks Easy to apply UV resistant High/low temperature resistant 	Must be diluted, for the first coat, with 15-20% of water; second coat must be applied after 24 hours from the first one using the product as it is or slightly diluted with 2% of water, with a total consumption of 1 -1.5 kg/m ² .	Consumption Concrete - 1 -1.5 kg/m ² , Metal - 250 g/m ²
	FLEXPRENE : SINGLE COMPONENT ELASTOMERIC POLYISOPRENE BASED WATERPROOFING MEMBRANE				
	20 ltr	<ul style="list-style-type: none"> Roof Gutters Decks and Patios Driveways Wet Areas Balconies 	<ul style="list-style-type: none"> Single component Seamless Flexibility and Strength Bitumen and Coal-Tar Free Water Based Vapour Permeability 	Substrate should be clean, dry & free of dirt, grease, loose particles etc. Internal corners must be provided with 25mm x 25mm angle fillets.	Priming - 8-10 m ² Roof - 0.7 ltr / m ²

GROUTING



PRODUCT	PACKING	APPLICATIONS	FEATURES & BENEFITS	USAGE GUIDELINES	ESTIMATION
MASTERGROUT CNS 50 M : CEMENTITIOUS NON-SHRINK, FREE FLOW GROUT					
	10, 30 Kg Bag	<ul style="list-style-type: none"> Machine foundations Bearing plates Concrete anchors Block junctions gap filling Groove Filling 	<ul style="list-style-type: none"> High Compressive Strength Good pourability & flowability Excellent non-shrink property Easy to mix & apply 	<ul style="list-style-type: none"> Mix the product with water using heavy duty slow speed drill as per water:powder ratio. Clean and wet the surface before grouting 	Consistency Yield Trowelable 15.6ltr/30kgs Flowable 16.4 ltr/30kgs
MASTERGROUT CNS 100 G : CEMENTITIOUS NON-SHRINK FREE FLOW, HIGH STRENGTH GROUT					
	30 Kg Bag	<ul style="list-style-type: none"> Machine foundations Diesel Generators Concrete anchors Base plates Groove Filling Cement plants 	<ul style="list-style-type: none"> Good pourability & flowability Excellent non-shrink property Easy to mix & apply High compressive strength 	Clean the surface . Several hours prior to grouting, the area should be wetted & saturated with fresh water	Consistency Yield Trowelable 15.4ltr/30kgs Flowable 16.2 ltr/30kgs
MASTERGROUT EP 150 LV : HIGH STRENGTH EPOXY RESIN INJECTION GROUT FOR STRUCTURAL CRACKS REPAIR					
	1, 5, 20 litre	<ul style="list-style-type: none"> Filling cold joints Heavy industrial applications Filling base plates In dry concrete substructure 	<ul style="list-style-type: none"> Low viscosity Solvent free Durable Good capillary absorption 	Substrates must be free from dust. After application & curing, apply suitable UV resistant paint	Consumption: Approx. 1.08 kg of material shall be required to fill 1000 cc volume gap.
MASTERGROUT EP 150 G : LOW VISCOSITY EPOXY RESIN INJECTION GROUT					
	1, 5, 20 litre	<ul style="list-style-type: none"> Cold joints Base plates Cracks in roof slabs In dry structure 	<ul style="list-style-type: none"> Excellent flowability Good chemical resistance Early & ultimate strengths are high 	Identify the cracks & seal the cracks with sealant . Through low pressure injection grouting system insert the MG EP 150G	Consumption: Approx. 1.08 kg of material shall be required to fill 1000 cc volume gap.
MASTERGROUT CPG 1 : EXPANDING & PLASTICISING ADMIXTURE & POLYMER BASED GROUTING AID					
	250 gm	<ul style="list-style-type: none"> Filling cracks Duct grouting Gravity grouting Non-shrink filling 	<ul style="list-style-type: none"> Good flowability Increases durability Reduces segregation Corrosion free 	Clean the surface. Grouts should be used maintaining a continuous flow.	Dosage: Pressure/Gravity grouting 250g/per 50kg cement
TECHFLOOR MORTAR SL : SELF LEVELING CHEMICAL & ABRASION RESISTANT EPOXY RESINE FLOOR SCREED / REPAIR MORTAR					
	16 kg	<ul style="list-style-type: none"> Engineering Plants Breweries Refineries Heavy Industries 	<ul style="list-style-type: none"> Excellent load bearing Abrasion resistance Non slip surface Pothole repairs 	Clean the surface. Mixed material should be applied to the already primed surface within 20 minutes.	Coverage : 2 to 2.2 kg per m ² /1 mm








WATERTIGHT- INJECTION









PRODUCT	PACKING	APPLICATIONS	FEATURES & BENEFITS	USAGE GUIDELINES	ESTIMATION
	TECHFOAM PU 103 : POLYURETHANE BASED INJECTION GROUT				
	5, 10 kg	<ul style="list-style-type: none"> Basements Overhead water tanks Swimming pools Metros 	<ul style="list-style-type: none"> Fast reacting semi rigid PU foam Penetrates deep in fine cracks Chemically resistant 	The ready mixed material should be installed immediately using conventional injection Pumps.	Aprx.0.1 kg /l void
	TECHGEL PU : POLYURETHANE GEL				
	5, 10 kg	<ul style="list-style-type: none"> Waterproofing pipe couplings Pipe & cable penetrations Joints in masonry 	<ul style="list-style-type: none"> Solvent-free, water activated polyurethane gel. Does not contribute to corrosion 	The ready mixed material should be installed immediately using conventional injection Pumps.	Aprx.0.1 kg /l void
	MASTERGROUT EP 150 LV : HIGH STRENGTH EPOXY RESIN INJECTION GROUT FOR STRUCTURAL CRACKS REPAIR				
	1, 5, 20 litre	<ul style="list-style-type: none"> Filling cold joints Heavy industrial applications Filling base plates 	<ul style="list-style-type: none"> Low viscosity Solvent free Durable Good capillary absorption 	After preparing the substrate as per std practice, ready mixed material inject immediately using conventional injection Pumps in desired area.	Consumption: Approx. 1.08 kg of material shall be required to fill 1000 cc volume gap.
	MASTERGROUT EP 150 G				
	20 kg	<ul style="list-style-type: none"> Crack injection Filling cold joints Filling base plates/ bolt pockets Roof slabs Hairline cracks 	<ul style="list-style-type: none"> Excellent flowability Strengths are high Good chemical resistance Solvent-free 	Nipples are inserted into the cracks after drilling holes at regular intervals. Fix the nozzle with epoxy adhesive.	About 1.08 kg of material is required to fill up 1000cc volume gap.
	HYDROFOAM : SINGLE COMPONENT RIGID POLYURETHANE FOAM				
	5, 10 kg	<ul style="list-style-type: none"> Sealing Tunnel segments Leaking cracks Man/Non man accessible sewer pipes 	<ul style="list-style-type: none"> Solvent-free no-flammable system High tensile & bonding strength Excellent chemical resistance No ADR transport 	The system is ideal for movement of the substrate in excess of 10%. The resin expands and cures to a resilient, flexible closed-cell foam when in contact with water.	2-component system with a 1:1 ratio water
	PUREINJECT 1C 115 ECO : TWO COMPONENT SEMIRIGID POLYURETHANE FOAM				
	10, 20 kg	<ul style="list-style-type: none"> Water leaks & cracks Concrete & masonry structures 	<ul style="list-style-type: none"> One component Solvent-free Shrinks nor swells 	Shake the catalyst well. Mix the resin and the accelerator in a ratio of 6% to 10% in the function of the desired reaction speed.	Quantity of catalyst 6% - Reaction 15 seconds, 8% - Reaction 12 seconds, 10% - Reaction 9 seconds.

REPAIR



PRODUCT	PACKING	APPLICATIONS	FEATURES & BENEFITS	USAGE GUIDELINES	ESTIMATION
	PAINTEX 4 : ACRYLIC WHITE CRACK FILLING COMPOUND				
	350 gm. Cartridge, 1 kg	<ul style="list-style-type: none"> Window & door Frames corner Joints baseboard Moulding Gaps & openings 	<ul style="list-style-type: none"> Excellent adhesion Paintable with latex & oil based paints Offers excellent flexibility Prevents air passing 	Remove old caulk from surface. Make sure that surface is clean, dry & free of loose debris	$L = 617 / (W \times D)$ for 1 kg Where, L = Length of the joint in linear running meter W= Width of the joint in mm. D = Depth of the joint in mm
	PAINTEX TEXTURED : SILICONISED ACRYLIC WATER BASED FIRE RETARDANT COMPOUND				
	350 gm. Cartridge, 1 kg	<ul style="list-style-type: none"> Window & door Frames corner Joints baseboard Moulding Gaps & openings For external site 	<ul style="list-style-type: none"> Excellent adhesion Paintable with latex & oil based paints Offers excellent flexibility Prevents air passing 	Remove old caulk from surface. Make sure that surface is clean, dry & free of loose debris	$L = 617 / (W \times D)$ for 1 kg Where, L = Length of the joint in linear running meter W= Width of the joint in mm. D = Depth of the joint in mm
	TECHSEAL RDL 910 (GUN GRADE) / 911 (POUR GRADE)				
	1, 6.5 kg	<ul style="list-style-type: none"> Expansion joints Sealing of cracks Window & door Water retaining structure 	<ul style="list-style-type: none"> Bonds strongly Slip resistant Non-toxic No staining Reparability property 	Apply masking tape such on both edges of the joint & apply or pour sealant after homogeneous mixing of base & accelerator.	i) RDL-910-L = 650/(W X D) ii) RDL-911-L = 625/(W X D) Where, L = Length of the joint in linear running meter W= Width of the joint in mm. D = Depth of the joint in mm (For 1Kg)
	TECHSEAL RDL 940 (GUN GRADE) / 941 (POUR GRADE)				
	1, 4, 6.5 kg	<ul style="list-style-type: none"> Expansion joints Sealing of cracks Window & door Water retaining structure 	<ul style="list-style-type: none"> Bonds strongly Slip resistant Non-toxic No staining Reparability property 	Apply masking tape such on both edges of the joint & apply or pour sealant after homogeneous mixing of base & accelerator.	i) RDL-940-L = 650/(W X D) ii) RDL-941-L = 625/(W X D) Where, L = Length of the joint in linear running meter W= Width of the joint in mm. D = Depth of the joint in mm (For 1Kg)
	MASTERGROUT EP 150 LV : HIGH STRENGTH EPOXY RESIN INJECTION GROUT FOR STRUCTURAL CRACKS REPAIR				
	1, 5, 20 ltr	<ul style="list-style-type: none"> Filling cold joints Heavy industrial applications Filling base plates Horizontal hairline cracks 	<ul style="list-style-type: none"> Low viscosity Solvent free Durable Good capillary absorption Dry substrates 	After preparing the substrate as per std practice, ready mixed material inject immediately using conventional injection Pumps in desired area.	Approx. 1.08 kg of material shall be required to fill 1000 cc volume gap.
	TECHGUARD 101 : EPOXY - POLYAMIDE ZINC RICH PRIMER				
	4, 20 ltr	<ul style="list-style-type: none"> Steel surfaces Metal Structure Metal Roof 	<ul style="list-style-type: none"> Dry film contains 80% of zinc dust Excellent chemical resistant 	All surfaces should be free of rust, mill scale, & contaminants such as oil, grease, dirt & salts	40 sq.ft. /ltr.
	MASTERREPAIR HB : READY TO USE HIGH STRENGTH POLYMER MODIFIED REPAIR MORTAR				
	30 kg	<ul style="list-style-type: none"> Concrete structure Beams/Columns Vertical & Overhead section 	<ul style="list-style-type: none"> Contains no chlorides No primer is required High strength Iron free Easy mixing 	Mix the product with water using heavy duty slow speed drill as per water-powderratio. Clean & wet the surface before application	Each 30 kg bag yields approx. 14.5 to 15.5ltr of wet mortar with 5.4ltr water

PRODUCT	PACKING	APPLICATIONS	FEATURES & BENEFITS	USAGE GUIDELINES	ESTIMATION
	MASTERCRETE M90 : 100% ACRYLIC MODIFIER				
	1, 5, 20, 50, 200 ltr	<ul style="list-style-type: none"> Building terrace Toilet sunken portion Basements Water tanks 	<ul style="list-style-type: none"> Allows trapped water vapour to escape Unaffected by UV Non-flammable Non toxic 	Curing must be continued for minimum 7 days before exposure to weather	Bond coat (1:1): 60-65 sq. ft. /coat, Coating (2: 1): 30 -35 sq. ft. /2 coat
	MASTERBOND HACK AID : BONDING AGENT FOR PLASTER & GLAZING TILES				
	1, 5, 20, 200 kg	<ul style="list-style-type: none"> Bond between concrete & plaster Bond between concrete & ceramic Gypsum / AAC blocks 	<ul style="list-style-type: none"> No hacking is required Excellent interfacial bonding Reduces the rebound loss Non-ionic 	Clean the surface with water jet thoroughly to remove dirt, loose, particles etc.,	9-10 m2/litre
	UNIVERSAL REPAIR SBR 800 : SBR LATEX FOR WATERPROOFING & REPAIRS				
	1, 5, 20 litre	<ul style="list-style-type: none"> Masonry walls Sloping RCC roofs Mortars/Concretes 	<ul style="list-style-type: none"> Easy application Excellent cement modifier Useful as a bonding agent 	Clean the surface & consume mixed material within 45 minutes	20-22 sq. ft./kg for 2 coats (cement in the Proportion 1:1.5)
	MASTERBOND EP : EPOXY BONDING AGENT FOR CONCRETE				
	1, 5, 20 kg	<ul style="list-style-type: none"> Bonding material to existing surface Critical repairs & extensions of structural concrete 	<ul style="list-style-type: none"> High mechanical strength Ready to mix & use at site Gives sufficient pot life High adhesive strength 	The surface has to be clean from dirt, grease & oil. Apply mixed material on surface.	It should be coated approximately at the rate of 20-25 sq.ft/kg depending upon the substrate
	MASTEROCK BASIC : SINGLE COMPONENT, NON - SHRINK CEMENTITIOUS FREE FLOWING MICROCONCRETE				
	25 kg	<ul style="list-style-type: none"> Reinstatement of structural sections of concrete Encashment buildsup Jacketing Restrengthening 	<ul style="list-style-type: none"> Non Shrink Exceptional bond to concrete Non segregation High early strength Free flow 	Mix the product with water using heavy duty slow speed drill as per water-powderratio. Clean & wet the surface before application	Each 25 kg bag yields approx. 12ltr of wet mortar with 3.6ltr water
	CRACKKEY : HIGH STRENGTH POWDER CRACK FILLER FOR SURFACE CRACKS IN PLASTER				
	1, 5, 25 kg	Repairing of internal & external cracks in plastered surfaces up to 5 mm X 5 mm size	<ul style="list-style-type: none"> No shrinkage Excellent adhesion Overcoat able after curing Accommodates movements in the cracks 	Remove old caulk from surface. Make sure that surface is clean, dry & free of loose debris. Apply mixed material on SSD condition.	Approx.20 running meters/ kg for 5 mm x 5 mm crack







PRODUCT	PACKING	APPLICATIONS	FEATURES & BENEFITS	USAGE GUIDELINES	ESTIMATION
	MASTER REPAIR : POLYMER MODIFIED, NON SHRINK REPAIR MORTAR				
	30kg	<ul style="list-style-type: none"> Beams Columns Terraces Walls Concrete facades Patch repair 	<ul style="list-style-type: none"> High strength Contains no chlorides Suitable to repair complex profiles Easy handling Thixotropic property 	Mix the product with water using heavy duty slow speed drill as per water-powder ratio. Clean & wet the surface before application	Each 30 kg bag yields approx. 14.5 to 15.5ltr of wet mortar with 5.4ltr water
	MASTER REPAIR KWIK FIX : RAPID HARDENING HIGH STRENGTH REPAIR MORTAR				
	30kg	<ul style="list-style-type: none"> Concrete roadways Parking areas Warehouses Dams Patch repairs Potholes 	<ul style="list-style-type: none"> Fast setting Provides high early & ultimate compressive strength Contains no chlorides 	Mix the product with water using heavy duty slow speed drill as per water-powder ratio. Clean & wet the surface before application	Each 30 kg bag yields approx. 15 to 16ltr of wet mortar with 4.5ltr water
	MASTER LATEX : STYRENE BUTADIENE LATEX				
	1, 5, 20 ltr	<ul style="list-style-type: none"> Basement Swimming pools Terrace Bonding agent Water tanks 	<ul style="list-style-type: none"> Increases flexural & tensile strength Reduced shrinkage High strength Abrasion resistant 	Surface should be absolutely dry, free from dust coatings, loose particles, fungus, oils, greases, & dirt.	Bond coat : 60±5 sq. ft./ltr/coat Waterproof Coat : 30± 5 sq. ft./ltr/coat
	FLEX O PATCH : A SELF-LEVELING; THREE - COMPONENT MODIFIED ELASTOMERIC CONCRETE				
	10 kg	<ul style="list-style-type: none"> Highways Parking Decks Roadways Commercial Structures Runways 	<ul style="list-style-type: none"> Easy installation Chemical resistance Rapid Cure time Toughness 	Apply masking tape on both edges of the joint & pour the homogeneously mixed material in pot hole.	$L = 558 / (W \times D)$ for 1 kg Where, L = Length of the joint in linear running meter W= Width of the joint in mm. D = Depth of the joint in mm
	RAPICRETE : A SELF - LEVELING; THREE - COMPONENT MODIFIED ELASTOMERIC CONCRETE				
	10 kg	<ul style="list-style-type: none"> Highways Parking Decks Roadways Commercial Structures 	<ul style="list-style-type: none"> Easy installation Reduced labor cost Resume traffic in 1hr time Good impact & resilience Chemical resistance 	Apply masking tape on both edges of the joint & pour the homogeneously mixed material in pot hole.	$L = 558 / (W \times D)$ for 1 kg Where, L = Length of the joint in linear running meter W= Width of the joint in mm. D = Depth of the joint in mm
	TECHFLOOR MORTAR : CHEMICAL & ABRASION RESISTANCE EPOXY RESIN				
	16 Kg	<ul style="list-style-type: none"> Engineering plants Dairies Breweries Refineries Paint workshops Warehouses Any cementetium floor 	<ul style="list-style-type: none"> Excellent load bearing Abrasion resistance Chemical resistance Non slip surface Easily application 	Clean the surface. Mixed material should be applied to the already primed surface within 20 minutes.	2 to 2.2 kg/m2/1mm

PRODUCT	PACKING	APPLICATIONS	FEATURES & BENEFITS	USAGE GUIDELINES	ESTIMATION
	TECHFLOOR MORTAR SL : SELF LEVELING CHEMICAL & ABRASION RESISTANT EPOXY RESINE FLOOR SCREED / REPAIR MORTAR				
	16 kg	<ul style="list-style-type: none"> Engineering Plants Breweries Refineries Heavy Industries Warehouses Any cementitious surface 	<ul style="list-style-type: none"> Excellent load bearing Abrasion resistance Non slip surface 	Clean the surface. Mixed material should be applied to the already primed surface within 20 minutes	2 kg. to 2.2 kg/m ² /mm.
	MASTERGROUT EP 150 LV : HIGH STRENGTH EPOXY RESIN INJECTION GROUT FOR STRUCTURAL CRACKS REPAIR				
	1, 5, 20 litre	<ul style="list-style-type: none"> Filling cold joints Heavy industrial applications Filling base plates Dry cracks 	<ul style="list-style-type: none"> Low viscosity Solvent free Durable Good capillary absorption 	After preparing the substrate as per std practice, ready mixed material inject immediately using conventional injection pumps in desired area.	Consumption: Approx. 1.08 kg of material shall be required to fill 1000 cc volume gap.
	MASTERGROUT EP 150 G : LOW VISCOSITY EPOXY RESIN INJECTION GROUT				
	1, 5, 20 litre	<ul style="list-style-type: none"> Cold joints Base plates Cracks in roof slabs 	<ul style="list-style-type: none"> Excellent flowability Good chemical resistance Early & ultimate strengths are high 	Identify the cracks & seal the cracks with sealant . Through low pressure injection grouting system insert the MG EP 150G	Consumption: Approx. 1.08 kg of material shall be required to fill 1000 cc volume gap.
	MASTERPLUG 3 : CEMENTITIOUS NON-SHRINK RAPID SETTING MULTIPURPOSE MORTAR				
	1, 5, 15 kg	<ul style="list-style-type: none"> Leak-plugging in running water Quick repairs Concrete pipes repairs 	<ul style="list-style-type: none"> Sets rapidly Stops running water Economical Non-shrink 	Substrate must be clean and rough. All oil, dirt, debris, paint and unsound loose particles must be removed.	Compressive strength - W/P ratio 0.200:2 hrs–Min 30 kg.cm ²
	MASTERPLUG SUPER : RAPID SETTING CEMENTITIOUS MULTIPURPOSE MORTAR				
	1, 5, 15 kg	<ul style="list-style-type: none"> Leak-plugging in running water Basement and manhole repairs Anchoring of bolts 	<ul style="list-style-type: none"> Sets very rapidly Stops running water Economical Non-shrink Non toxic Rapid strength gain 	Substrate must be clean and rough. All oil, dirt, debris, paint and unsound loose particles must be removed.	Compressive strength - W/P ratio 30 minutes =min 80 kg / cm ²
	TECHSEAL RDL 960				
	5 kgs, 10 kgs, 20 kgs	<ul style="list-style-type: none"> Bridges cracks Water vapour permeable For green roofs 	<ul style="list-style-type: none"> Root resistant & cold applied. Water vapour permeable 	Mix Part I thoroughly into Part II Mixing time: Approx. 5 to 10 Min. at 30°C Mix or stir well to get homogeneous	Approx. 30-35 sq.ft in 1 Ltr /Wet on wet 2 coats.

PRODUCT	PACKING	APPLICATIONS	FEATURES & BENEFITS	USAGE GUIDELINES	ESTIMATION
MASTERGROUT CPG 1 : EXPANDING & PLASTICISING ADMIXTURE & POLYMER BASED GROUTING AID					
	250 gm	<ul style="list-style-type: none"> Filling cracks Duct grouting Gravity grouting Non-shrink filling 	<ul style="list-style-type: none"> Good flowability Increases durability Reduces segregation Corrosion free 	Clean the surface. Grouts should be used maintaining a continuous flow.	Dosage: Pressure/Gravity grouting 250g/per 50kg cement
HYDROFOAM : SINGLE COMPONENT RIGID POLYURETHANE FOAM					
	5, 10 kg	<ul style="list-style-type: none"> Sealing Tunnel segments Leaking cracks Man/Non man accessible sewer pipes 	<ul style="list-style-type: none"> Solvent-free no-flammable system High tensile & bonding strength Excellent chemical resistance No ADR transport 	The system is ideal for movement of the substrate in excess of 10%. The resin expands and cures to a resilient, flexible closed-cell foam when in contact with water.	2-component system with a 1:1 ratio water
THUNDERPROOF 300 : INSTANT REPAIR WATERPROOF COATING DURING MONSOON					
	1 kg, 5 kg	<ul style="list-style-type: none"> Instant leak repair waterproofing coat Can be applied during Showers Crack filling - putty Resistant to positive water pressure 	<ul style="list-style-type: none"> Cures In presence of rain, snow & below freezing temperature upto -5°C Forms a tough and abrasion resistant waterproof film. Easily applicable by brush or trowel. Seals localized cracks with putty and surface porosity Bonds strongly to most of the building materials. Primer not required. 	<ul style="list-style-type: none"> Clean the surface thoroughly SEALING OF CRACKS - Cracks above 2mm to be filed by 'THUNDERPROOF 300 putty'. Mix Part II liquid + Part I by Spatula, allow it to mature for 5 minutes before application. BRUSH COAT : It should be applied by brush for max. 2 coats 	20 - 25 Sq ft /Kg Max per coat for 350 - 400 microns thickness.
SPLASH : WATERPROOFING LIQUID FOR UNREACHABLE AREAS					
	1, 5, 20 Litre	<ul style="list-style-type: none"> Building Roofs/Terraces Metal or corrugated sheets China-chips joints Unreachable areas 	<ul style="list-style-type: none"> Easy to apply Transparent coating Bond Strongly 	Surface should be free from the loose particles, pour the SPLASH on the area where it is to be applied.	Concrete surface (On Throwing) : 15 -20 sq.ft/ltr./2coats @ 70 -75 µ





SURFACE TREATMENTS



PRODUCT	PACKING	APPLICATIONS	FEATURES & BENEFITS	USAGE GUIDELINES	ESTIMATION
	MASTERCURE WB2M : WATER BASED WHITE PIGMENTED CONCRETE CURING COMPOUND				
	5, 20, 200 ltr	<ul style="list-style-type: none"> Runways Warehouses Concrete Road & Highways DLC 	<ul style="list-style-type: none"> Single application Reduced labour costs High curing efficiency Solar reflective 	Stir well before use White pigment present in the liquid is evenly dispersed before app.	Coverage : 4 to 5 sqm2/ per ltr, depending upon the wind velocity
	MASTERCURE RB2M : ALUMINIZED SYNTHETIC RESIN BASED CONCRETE CURING COMPOUND				
	5, 20, 200 litre	<ul style="list-style-type: none"> Runways Retaining Walls Ind. Floor slabs Concrete Road & Highways PQC 	<ul style="list-style-type: none"> Solar refractive Reduces dusting Less labour cost Easy application 	Stir well before use. Aluminum pigment present in the liquid is evenly spreadbefore app.	Coverage : 5-6 sqm2/ per ltr, depending on wind velocity
	MASTEROL MRA : MOULD RELEASING AGENT FOR CONCRETE				
	20, 200 litre	<ul style="list-style-type: none"> Moulds in precast industry Concreting formworks PQC 	<ul style="list-style-type: none"> Extends formwork life Smooth finish of concrete structures 	Should be applied on moulds after cleaning. Can be applied by brush, sponge or oil sprayer	Coverage : 30-50m2/ per ltr
	MASTEROL WD 3 : WATER DILUTABLE MOULD RELEASE AGENT FOR MOULDS & FORMWORK				
	20, 200 litre	<ul style="list-style-type: none"> Metal or wooden (resin coated) surface New moulds 	<ul style="list-style-type: none"> Water dilutable No oil stains Higher coverage & lower cost 	Should be applied on surface after cleaning. Can be applied by brush, sponge or oil sprayer	Unsealed timber 90-110 m2/per 6ltr solution & Steel 130-170m2/per 7ltr solution
	MASTERCURE RB2M 2200 : ACRYLIC BASED WHITE PIGMENTED CONCRETE CURING COMPOUND				
	5, 20, 200 ltr	<ul style="list-style-type: none"> Canals, Retaining walls, Industrial Floors, parking garages, Warehouses Concrete (Horizontal & Vertical) 	<ul style="list-style-type: none"> UV Resistant property Curing efficiency provides more durable concrete. Reduces dusting. Acts as a primer for protective coatings 	Stir well before use White pigment present in the liquid is evenly dispersed before app.	Coverage : 4 to 5 sqm2/ per ltr, depending upon the wind velocity
	MASTERCURE RB2M : ALUMINIZED SYNTHETIC RESIN BASED CONCRETE CURING COMPOUND				
	5, 20, 200 litre	<ul style="list-style-type: none"> Runways Retaining Walls Ind. Floor slabs Concrete Road & Highways PQC 	<ul style="list-style-type: none"> Solar refractive Reduces dusting Less labour cost Easy application 	Stir well before use. Aluminum pigment present in the liquid is evenly spreadbefore app.	Coverage : 5-6 sqm2/ per ltr, depending on wind velocity





FLOORING



PRODUCT	PACKING	APPLICATIONS	FEATURES & BENEFITS	USAGE GUIDELINES	ESTIMATION
	TECHFLOOR HT 200 : DRY SHAKE NON METALLIC READY TO USE ECONOMICAL VERSION OF CONCRETE FLOOR HARDNER				
	30 kg	<ul style="list-style-type: none"> Loading bays Steel industries Power stations Laboratories Distillation plants Warehouses 	<ul style="list-style-type: none"> High abrasion resistant floor hardener giving a maintenance free floor Ready to use at site 	Base concrete should have minimum cement content of 300 kg/ m3. Adopted proper curing practices after application.	Application rate kg/sq.m 7.0 Heavy 5.0 Medium 3.0 Light
	TECHFLOOR SL 2 - SELF LEVELING EPOXY FLOOR COATING (TOP-COAT)				
	16 kg	<ul style="list-style-type: none"> Hospital rooms Electronic assembly areas Food & chemical plant Showrooms 	<ul style="list-style-type: none"> Easy to clean floor Good abrasion resistance Available in a wide range of colors 	Mix 4 part homogeneously & poured on to the substrate & spread to the required thickness with a steel trowel.	Coverage : 2 to 2.2 kg per m2/1 mm
	MASTERCOAT PU 131 : ACRYLIC BASE POLURETHANE COATING				
	20 ltr	<ul style="list-style-type: none"> Office blocks Refinery Roofing Dairy factory 	<ul style="list-style-type: none"> Excellent Adhesion UV light stable Good abrasion & chemical resistance 	Mix four 4 parts base & one part curing agent by volume to uniform consistency.	8-10 m2/lit/40 - 60 micron DFT
	MASTERFLOOR PU 1000 : WATERBASED PU FLOORING				
	20 kg	<ul style="list-style-type: none"> Medium to heavy loading wet or Dry process areas Freezers and Coolers Thermal shock 	<ul style="list-style-type: none"> Suitable for physical/ chemical resistance Resistance to Thermal shock 	Mix 3 part till homogenous consistency & apply on the suitable surface	1.9 to 2.0 kg/m2 / mm

TILE-FIXING



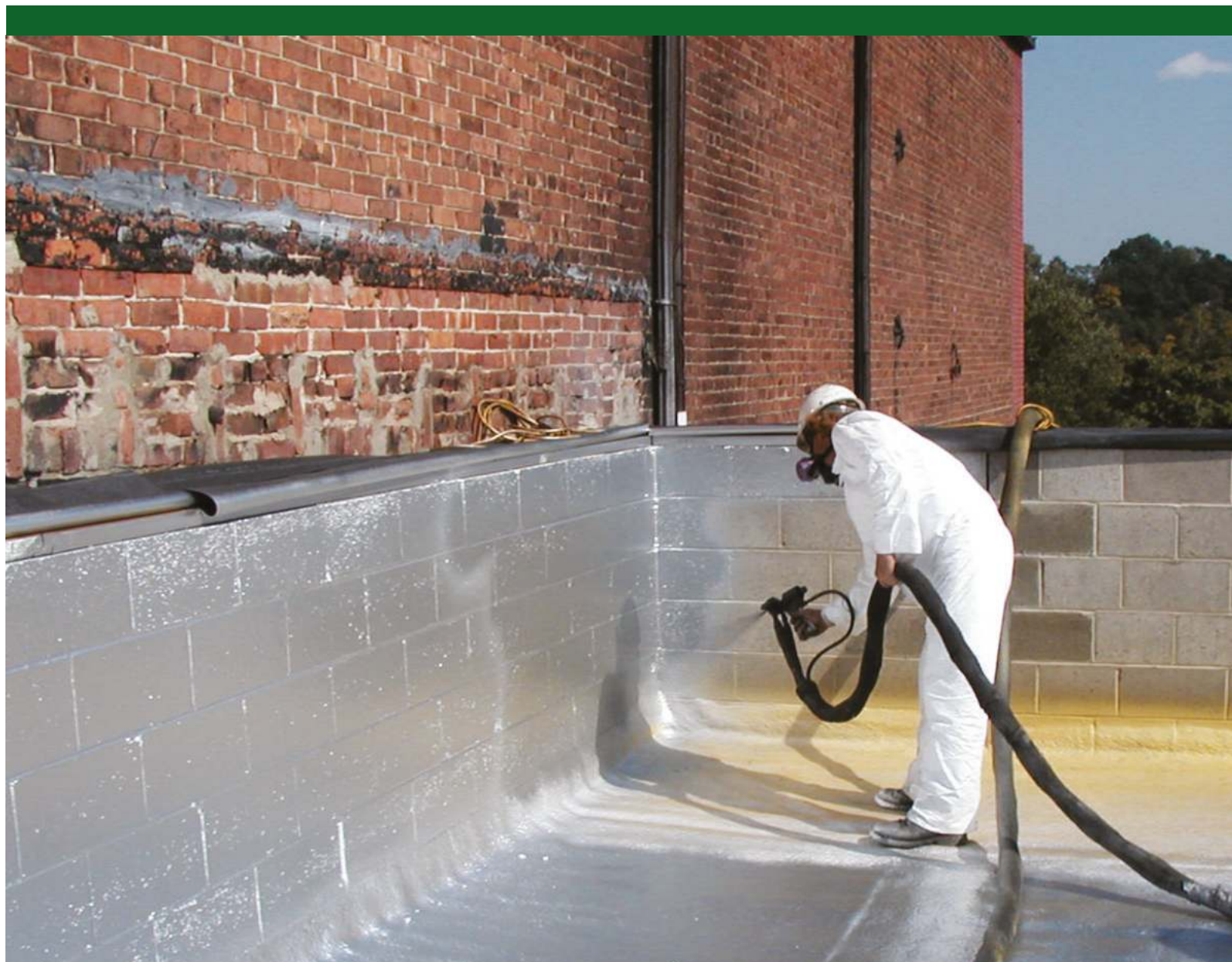
PRODUCT	PACKING	APPLICATIONS	FEATURES & BENEFITS	USAGE GUIDELINES	ESTIMATION
	SPECTRUM TILE MATE EP : HIGH PERFORMANCE EPOXY TILE GROUT				
	1, 5 Kg Kit boxes	<ul style="list-style-type: none"> Swimming pool joints Kitchen sink Bathroom joints Terrace tile joints 	<ul style="list-style-type: none"> High Strength Chemical Resistance Excellent adhesion Non - Shrink Non - Yellowing 	Grouting should commence only after the tile adhesive has dried completely.	1 kg material gives =575/ (width in mm x depth in mm) running meter
	SPECTRUM TILE MATE CG : TILE JOIN FILLER				
	1 Kg	<ul style="list-style-type: none"> Swimming pool joints Kitchen sink Bathroom joints Terrace tile joints 	<ul style="list-style-type: none"> High Strength Chemical Resistance Excellent adhesion Non - Shrink Non toxic 	Remove excess Spectrum Tile Mate paste with a clean & damp sponge after 10-15 min. of second application.	4-4.5 sq.mt / kg using standard sized tiles-152 mm x 152 mm size
	FIX A TILE : TILE FIXING ADHESIVE (TYPE 1)				
	20, 30 Kg	<ul style="list-style-type: none"> Bathrooms Toilets Swimming pools interiors or exterior applications 	<ul style="list-style-type: none"> Adjustability time of 45 minutes Bond strength is superior Water resistant Resistant to dilute acids 	Wipe off the surplus paste from the tiles with a damp cloth. Leave for minimum 24 hours before grouting the joints.	Notch trowel size 6 mm x 6 mm 3.2 to 3.4 kg / M ²
	FIX TILE SUPER : TILE ADHESIVE (TYPE 2)				
	5, 20 Kg	<ul style="list-style-type: none"> Large format vitrified tiles Natural stones Interiors or exterior applications 	<ul style="list-style-type: none"> Impact resistance Excellent adhesive strength Good slip resistance Minimum shrinkage Highly polymer modified 	Tiling in newly constructed building should not commence until all shrinkage has taken place.	Notch trowel size 6 mm x 6 mm 2.7 to 2.9 kg / M ²



STRENGTHENING










PRODUCT	PACKING	APPLICATIONS	FEATURES & BENEFITS	USAGE GUIDELINES	ESTIMATION
	MASTERREPAIR HB : READY TO USE HIGH STRENGTH POLYMER MODIFIED REPAIR MORTAR				
	30 kg	<ul style="list-style-type: none"> Beams Columns Vertical & overhead sections Slabs 	<ul style="list-style-type: none"> Contains no chlorides No primer is required High strength Iron free Easy mixing Better Adhesion 	Mix the product with water using heavy duty slow speed drill as per water- powder ratio. Clean & wet the surface before application	Each 30 kg bag yields approx. 14.5 to 15.5ltr of wet mortar with 5.4ltr water
	MASTERGROUT EP 150 LV : HIGH STRENGTH EPOXY RESIN INJECTION GROUT FOR STRUCTURAL CRACKS REPAIR				
	1, 5, 20 litre	<ul style="list-style-type: none"> Filling cold joints Heavy industrial applications Filling base plates 	<ul style="list-style-type: none"> Low viscosity Solvent free Durable Good capillary absorption 	After preparing the substrate as per std practice, ready mixed material inject immediately using conventional injection pumps in desired area.	Consumption: Approx. 1.08 kg of material shall be required to fill 1000 cc volume gap.
	TECHFLOOR MORTAR : CHEMICAL & ABRASION RESISTANCE EPOXY RESIN				
	16 Kg	<ul style="list-style-type: none"> Engineering plants Dairies Breweries Refineries Paint workshops Warehouses Any cementitious surface 	<ul style="list-style-type: none"> Excellent load bearing Abrasion resistance Chemical resistance Non slip surface Easily application 	The surface has to be cleaned to remove all loose particles, laitance oils & grease etc.	2 to 2.2 kg/m2/mm.
	TECHELASTIC PLUS				
	12 kg	<ul style="list-style-type: none"> Cellars Terraces Bathrooms Walls for artificial lakes Swimming pools Water Tanks Balcony 	<ul style="list-style-type: none"> Excellent waterproofing membrane Strong Adhesion Resists positive & negative water pressures Superior waterproofing High resistance 	Apply the mixed material using a short, stiff bristle brush (120—150mm width) & apply the material like paint.	The coverage is 1.55 to 1.65 kgs/m2 in 2 coats for 1mm thickness.
	TECHBOND 2K ECC				
	20.088 kgs	<ul style="list-style-type: none"> Water retaining structures Cellars Terraces Bathrooms Walls for Artificial Lakes Swimming pools Water tanks Terraces 	<ul style="list-style-type: none"> Excellent waterproofing membrane Strong Adhesion High performance Superior waterproofing property High resistance 	Water ponding is MUST-TO-DO before surface preparation to identify water leakages on the substrate. The surface to be applied should be free from oil, grease and dirt etc.	The coverage is 1m2 /1.4 kg/ 2 coats for 1mm thickness.

PROTECTION

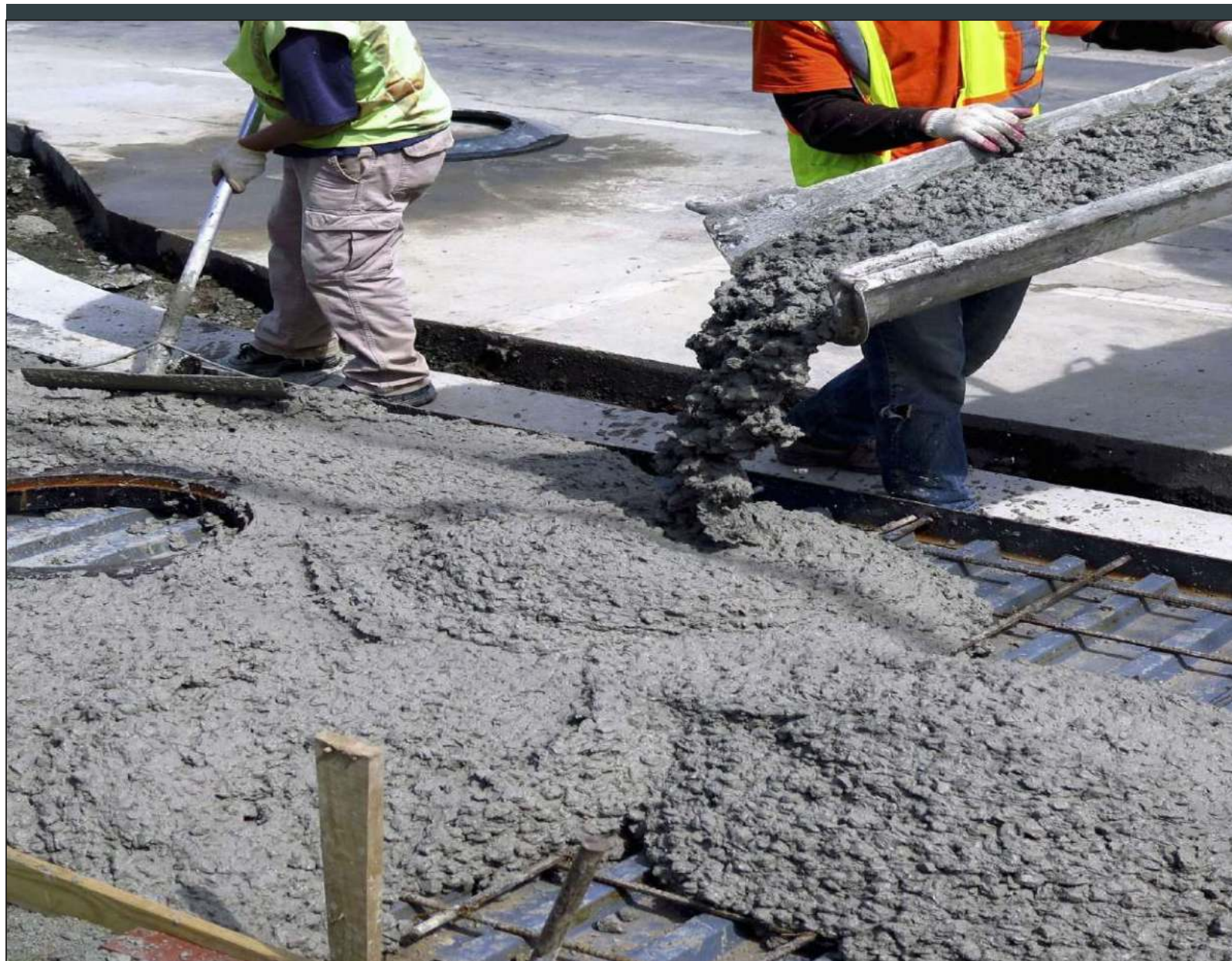









PRODUCT	PACKING	APPLICATIONS	FEATURES & BENEFITS	USAGE GUIDELINES	ESTIMATION
	TECHFORCE 2K STRONG FLEXIBLE, TWO - COMPONENT SEALING SLURRY				
	1, 5, 25 kg	<ul style="list-style-type: none"> Swimming pools Water tanks Terraces Sewage effluent tanks 	<ul style="list-style-type: none"> Breathable Non-toxic Hydrostatic water pressure resistance Chloride free 	Water Ponding is a MUST-TO-DO before surface preparation to identify water leakages on the substrate.	1.75 kg/m ²
	FUTURA 5 PLUS : ELASTOMERIC WATERPROOF COATING				
	1, 4, 20 ltr	<ul style="list-style-type: none"> Exterior RCC surface Masonry walls Stone walls Asbestos 	<ul style="list-style-type: none"> Excellent alkali resistance Resistance to chalking and flaking UV resistant Breathable coating 	Power wash to remove all loosely adhered coating and other contaminants. Dilute upto 20% and apply on substrate.	80-100 sq.ft./ltr./coat For 100 - 120 μ
	COAL TAR EPOXY 4 : WATERPROOFING & ANTI - CORROSIVE SYSTEM				
	1, 4, 20 ltr	<ul style="list-style-type: none"> Building roof Anticorrosive coating Retaining wall ETP / STP 	<ul style="list-style-type: none"> Easily applicable Bonds strongly No primer required UV resistant & Tough elastic waterproof film 	Clean the surface substrate. All loose particles should be removed by brushing scraping or acid etching.	30-35 sq.ft./ ltr.
	TECHGUARD 103 : ANTI CARBONATION A PROTECTIVE COATING				
	20 ltr	<ul style="list-style-type: none"> Buildings in coastal areas Corrosive environments Offshore structures 	<ul style="list-style-type: none"> Anti carbonation properties Excellent weathering properties Excellent bonding 	Substrate must be clean /free from dust & loose particles. Apply homogenous material	35-40 sq.ft /ltr /2 coats
	MASTERCOAT EP 250 N : EPOXY RESIN BASED CHEMICAL RESISTANT COATING				
	1, 5 kg	<ul style="list-style-type: none"> Effluent tanks Chemical industries Battery rooms Heavy oil spillage chemical areas 	<ul style="list-style-type: none"> Solvent free & durable coating Excellent adhesion Easy application Abrasion resistant Chemical resistant 	The surface has to be dry & free from loose particles. Apply mixed material	2.5 to 3.5 m ² /kg per coat
	RUST REMOVER : RUST REMOVER & PASSIVATOR				
	1, 5, 20 ltr	<ul style="list-style-type: none"> Structural steel Rib bar Refinery Railway Metal 	<ul style="list-style-type: none"> Removes the rust and prevents rust formation Acts as a rust remover & passivator 	Remove the rust & loose particles from surfaces by brush then apply.	100 sq.feet / ltr / coat
	TECHREPEL SSB : SILANE SILOXANE BASE MASONRY WATER REPELLENTS				
	4, 20 ltr	<ul style="list-style-type: none"> Brickwork Aerated Concrete Cement Fiberboards Mineral Plasters Fountain 	<ul style="list-style-type: none"> Good depth of penetration High resistance to alkalis Tack-free drying Effective even on damp substrates 	Flooding, preferably not under pressure, is the best technique for applying, which is ready to use after dilution.	8 to 9 m ² /lit per coat (Sampling to be done before application.)







PRODUCT	PACKING	APPLICATIONS	FEATURES & BENEFITS	USAGE GUIDELINES	ESTIMATION
	TECHREPEL SB : SOLVENT BASED SILICONE WATER REPELLENT				
	1, 5, 20 ltr	<ul style="list-style-type: none"> Concrete facing buildings Natural Stones Clinker brickwork Ceramic tiles 	<ul style="list-style-type: none"> Easy application Prevents formation of efflorescence UV resistant Anti fungi 	Surface must be free from any loose materials, crumbling powdery encrusted walls, fungus, moss, oil & grease	55-60 sq. ft./lit/coat (Sampling to be done before application.)
	TECHREPEL WB 3 : WATER BASED SILICONE WATER REPELLENT				
	1, 5, 20 ltr	<ul style="list-style-type: none"> Brick work Highly absorbent Sand lime brick work Ceramic articles 	<ul style="list-style-type: none"> Easy application Prevents formation of efflorescence UV resistant Anti fungi 	Surface must be free from any loose materials, crumbling powdery encrusted walls, fungus, moss, oil & grease	60 sq.ft / ltr / coat (Sampling to be done before application.)
	TECHOXY 3 : WATER THINNABLE EPOXY COATING				
	1, 2 kg	<ul style="list-style-type: none"> Damp walls Primer before painting Water storage tanks 	<ul style="list-style-type: none"> Water dilutable Bonds strongly on cement concrete/mortar etc Eco friendly & non-toxic in nature 	Clean the surface through wire brush, mix Part I,II & water by wt. (1:1:1) properly and apply on recommended area.	Coverage : 70-80 sq.ft./kg/coat
	TAR-O-THANE 2 : BLACK POLYURETHANE WATERPROOFING COMPOUND				
	1, 4, 20 ltr	<ul style="list-style-type: none"> Roof Cement concrete Toilet Pipelines 	<ul style="list-style-type: none"> No heating required No external curing required Remains unaffected by UV Water resistant 	Surface preparation is important & will affect the degree of adhesion & life of the coating.	Concrete Surface 40-45 sq.ft./Ltr/Coat
	TECHGUARD 105 : A NON - TOXIC, FLEXIBLE HIGH BUILD, EPOXY POLYSULPHIDE COATING				
	5, 20 kg	<ul style="list-style-type: none"> Concrete Metal tanks Oil refineries Paper mills Power stations 	<ul style="list-style-type: none"> Superior chemical resistance Waterproof & protective Durable UV resistant 	Prepare a surface as per std practice then mix part I & II properly & apply on recommended surface	22 sq. ft./kg/2 coat/0.2 mm DFT
	TECHGUARD 107 LP/ EP : A NON - TOXIC EPOXY POLYSULPHIDE PRIMER				
	5, 20 kg	<ul style="list-style-type: none"> Concrete Steel Metal 	<ul style="list-style-type: none"> Superior chemical resistance Protective Durable Flexible 	Prepare a surface as per std practice then mix part I & II properly & apply on recommended surface	22 sq. ft./kg/2 coat/0.2 mm DFT
	TECHFLOOR MORTAR : CHEMICAL & ABRASION RESISTANCE EPOXY BASE MORTAR				
	16 Kg	<ul style="list-style-type: none"> Engineering plants Dairies Breweries Refineries Paint workshops 	<ul style="list-style-type: none"> Excellent load bearing Abrasion resistance Chemical resistance Non slip surface Easily application 	Clean the surface. Mixed material should be applied to the already primed surface within 20 minutes.	2 to 2.2 kg/m2/mm







PRODUCT	PACKING	APPLICATIONS	FEATURES & BENEFITS	USAGE GUIDELINES	ESTIMATION
	FLEXOGUM				
	20 kg	<ul style="list-style-type: none"> Balconies Old/new foundation New/old metal sheets Anti-rust protection 	<ul style="list-style-type: none"> Ecofriendly waterproofing system Protect and seals small cracks Easy to apply UV resistant High/low temperature resistant 	Must be diluted, for first coat, with 15-20% water; 2nd coat must be applied after 24 hours. Use the product as it is or slightly diluted : 2% of water, with a total consumption of 1 -1.5 kg/m2.	Consumption Concrete : 1 -1.5 kg/m2., Metal - 250 g/ m2
	SUNSHIELD 100 : 100% PURE ACRYLIC SOLAR REFLECTIVE COATING				
	1, 4, 20 ltr	<ul style="list-style-type: none"> Asbestos sheets Sloping roofs Water storage tanks Warehouses 	<ul style="list-style-type: none"> Resistance to chalking and flaking UV resistance Aesthetic appeal Breathability 	Surface preparation is of great importance and the substrate should be free from Chalking	Coverage Concrete:20-25 sq. ft./lit/coat Plastic&metl:25-30 sq. ft./lit/coat
	TECHCOAT : WHITE POLYURETHANE WATERPROOF COATING				
	1, 4, 20 ltr	<ul style="list-style-type: none"> External vertical walls Terraces Flat or sloppy roofs Chajjas 	<ul style="list-style-type: none"> Cold curing UV resistant Bonds strongly Resistance to fungus 	Surface preparation is of great importance and will affect adhesion and life of the coating.	Coverage Concrete : 40-45 sq. ft./lit/coat Steel : 70-75 sq. ft./lit/coat
	FLEXPRENE				
	20 ltr	<ul style="list-style-type: none"> Roof Gutters Decks and Patios Driveways Wet Areas Balconies 	<ul style="list-style-type: none"> Single component Seamless Flexibility and Strength Bitumen and Coal-Tar Free Water Based Vapour Permeability 	Make sure the substrate is clean, dry and free of dirt, loose particles etc. Internal corners must be provided with 25mm x 25mm angle fillets.	Priming - 8-10 M2 Roof - 0.7 ltr / m2
	TECHELASTIC PLUS				
	12 kg	<ul style="list-style-type: none"> Cellars Terraces Bathrooms Walls for artificial lakes Swimming pools Water Tanks Balcony 	<ul style="list-style-type: none"> Excellent waterproofing membrane Strong Adhesion Resists positive & negative water pressures Superior waterproofing High resistance 	Apply the mixed material using a short, stiff bristle brush (120—150mm width) & apply the material like paint.	The coverage is 1.55 to 1.65 kgs/m2 in 2 coats for 1mm thickness.
	TECHBOND 2K ECC				
	20.088 kgs	<ul style="list-style-type: none"> Water retaining structures Cellars Terraces Bathrooms Walls for Artificial Lakes Swimming pools Water tanks Terraces 	<ul style="list-style-type: none"> Excellent waterproofing membrane Strong Adhesion High performance Superior waterproofing property High resistance 	Water ponding is MUST-TO-DO before surface preparation to identify water leakages on the substrate. The surface to be applied should be free from oil, grease and dirt etc.	The coverage is 1m2 /1.4 kg/ 2 coats for 1mm thickness.

ADMIXTURES





PRODUCT	PACKING	APPLICATIONS	FEATURES & BENEFITS	USAGE GUIDELINES	ESTIMATION
	MASTERPLAST SPL1 : SUPERPLASTICISER FOR CEMENT CONCRETE & MORTARS				
	250 kg	<ul style="list-style-type: none"> Pavement concrete Structural concrete Bridge decks Precast concrete 	<ul style="list-style-type: none"> Controls setting rate Improves workability Reduces Water content Increases strength 	Stir well before use. It is ready to use liquid. Not recommended to add in dry cement	0.5 to 1.5% by weight over cementitious materials
	MASTERPLAST SPL8 : SUPERPLASTICISER FOR CEMENT CONCRETE & MORTARS				
	250 kg	<ul style="list-style-type: none"> Pavement concrete Structural concrete Bridge decks RMC 	<ul style="list-style-type: none"> Controls setting rate Improves workability Reduces Water content Increases strength 	Stir well before use. It is ready to use liquid. Not recommended to add in dry cement	0.6 to 1.5% by weight over cementitious materials
	MASTERPLAST SPL10 : SUPERPLASTICISER FOR CEMENT CONCRETE & MORTARS				
	250 kg	<ul style="list-style-type: none"> RMC Pumped concrete Bridge decks Highway concrete 	<ul style="list-style-type: none"> Controls setting rate Improves workability Reduces Water content Increases strength 	Stir well before use. It is ready to use liquid. Not recommended to add in dry cement	0.4 to 1.5% by weight over cementitious materials
	MASTERPLAST SPL19 : HIGH PERFORMANCE SUPERPLASTICISER FOR CEMENT CONCRETE				
	250 kg	<ul style="list-style-type: none"> Pavement concrete Structural concrete Bridge decks RMC 	<ul style="list-style-type: none"> Reduces Permeability Improves workability Reduces Water content Increases strength 	Stir well before use. It is ready to use liquid. Not recommended to add in dry cement	0.4 to 1.4% by weight over cementitious materials
	MASTERPLAST SPL200 : HIGH PERFORMANCE SUPERPLASTICISER FOR CEMENT CONCRETE & MORTARS				
	250 kg	<ul style="list-style-type: none"> RMC Pumped concrete Bridge decks Highway concrete 	<ul style="list-style-type: none"> Improves workability Reduces Permeability Reduces Water content Increases strength 	Stir well before use. It is ready to use liquid. Not recommended to add in dry cement	0.3 to 1.4% by weight over cementitious materials
	MASTERPLAST FLOW 30 : SUPERPLASTICISER BASED ON PCE FOR CONCRETE				
	200 kg	<ul style="list-style-type: none"> RMC Precast concrete Pumped concrete Self-Compacting Concrete 	<ul style="list-style-type: none"> Increases strength Lower permeability Increased durability Reduces Water content 	Stir well before use. It is ready to use liquid. Not recommended to add in dry aggregates & cement	0.4 to 1.4% by weight over cementitious materials
	MASTERPLAST FLOW 40 : RETARDING SUPERPLASTICISER BASED ON PCE FOR CONCRETE				
	200 kg	<ul style="list-style-type: none"> RMC Precast concrete Pumped concrete Self-Compacting Concrete 	<ul style="list-style-type: none"> Better resistance Lower permeability Increased durability Reduces Water content 	Stir well before use. It is ready to use liquid. Not recommended to add in dry aggregates & cement	0.4 to 1.6% by weight over cementitious materials



PRODUCT	PACKING	APPLICATIONS	FEATURES & BENEFITS	USAGE GUIDELINES	ESTIMATION
	MASTERPLAST ACPL 7 : ACCELERATING PLASTICIZER FOR CONCRETE / MORTAR				
	20 & 200 kg	<ul style="list-style-type: none"> Prestressed Concrete Precast concrete Concreting in cold weather 	<ul style="list-style-type: none"> Improves workability Rapid Strength Quick Demoulding Reduces water requirement 	It can be used with all type of standard cements.	0.5 to 1.2 liter per 50 kg of cement
	MASTERPLAST HPA : PCE BASED SUPERPLASTICISER FOR HIGH PERFORMANCE CONCRETE				
	200 kg	<ul style="list-style-type: none"> RMC Self compacting concrete Precast concrete Pumped concrete 	<ul style="list-style-type: none"> Increases strength High level of fluidity Increased durability Reduces Water content 	Stir well before use. It is ready to use liquid. Not recommended to add in dry aggregates & cement	0.3 to 1.4% by weight over cementitious materials
	MASTERPLAST HPA3 : PCE BASED RETARDING SUPERPLASTICISER FOR CONCRETE				
	200 kg	<ul style="list-style-type: none"> RMC Long distance transporting Precast concrete Pumped concrete 	<ul style="list-style-type: none"> Increases strength High level of fluidity Increased durability Reduces Water content 	Stir well before use. It is ready to use liquid. Not recommended to add in dry aggregates & cement	0.6 to 1.5% by weight over cementitious materials
	MASTERPLAST VMA : VISCOSITY MODIFYING AGENT FOR FLOWABLE CONCRETE				
	200 kg	<ul style="list-style-type: none"> Self compacting concrete Pumpable concrete 	<ul style="list-style-type: none"> Reduces segregation & bleeding in concrete mix Improves cohesiveness of mix 	Stir well before use. It is ready to use liquid. Not recommended to add in dry aggregates & cement	0.1 to 0.3% by weight over cementitious materials
	MASTERPLAST MF : HIGH RANGE WATER REDUCING, STRENGTH ACCELERATING ADMIXTURE				
	20, 50, 200 ltr	<ul style="list-style-type: none"> Floor slabs Foundation Paver blocks Beams & columns 	<ul style="list-style-type: none"> Good workability Improved concrete density High durability concrete Quick Demoulding 	Stir well before use. It is ready to use liquid. Not recommended to add in dry aggregates & cement.	0.6 to 1.5% by weight over cementitious materials
	MASTERPLAST AEA1 : AIR ENTR INING AGENT FOR CONCRETE				
	20 & 200 ltr	<ul style="list-style-type: none"> RMC Paving concrete Exterior concrete Water retaining structures 	<ul style="list-style-type: none"> Minimizes bleeding Bubble size & spacing Effective in low workability concrete Less water mixing 	Stir well before use. It is ready to use liquid. Not recommended to add in dry aggregates & cement.	20 ml to 100 ml per 100 kg of cement

PRODUCT	PACKING	APPLICATIONS	FEATURES & BENEFITS	USAGE GUIDELINES	ESTIMATION
	MASTERPLAST RTPL 5 : WATER REDUCING & RETARDING PLASTICIZER				
	20 & 200 ltr	<ul style="list-style-type: none"> Mass concrete works RMC Silos, chimneys & cooling water strct 	<ul style="list-style-type: none"> Delays setting time Increases strength of concrete & mortar Improves workability 	Stir well before use. The concrete should be mixed atleast 2 minutes before addition of MP RTPL	0.1 to 0.25 litre/ 50 kg of cement.
	MASTERSPEED SA300 : LIQUID ACCELERATING ADMIXTURE FOR SPRAYED CONCRETE				
	70 kg, 200 kg	<ul style="list-style-type: none"> Sprayed concrete Wetmix shotcrete application Tunneling Mining 	<ul style="list-style-type: none"> Less rebound loss Better early strength Ideal Accelerator for Wetmix sprayed concrete Chloride free 	Stir well before use. During application whole pump system should be cleaned with water	Dosage is 3 to 10% of the binder weight
	MASTERPROOF IWP IWP1: INTEGRAL WATERPROOFING LIQUID FOR CEMENT CONCRETE, PLASTER & MORTARS				
	1, 5, 20, 200 ltr Bulk Packing available	<ul style="list-style-type: none"> Mass concrete Foundation walls Floors Cement stucco Masonry mortars 	<ul style="list-style-type: none"> Increases workability Reduces capillary action Non toxic Makes concrete water-light 	<ul style="list-style-type: none"> Material should be stirred well before use. Add Masterproof IWP 500 to the mixing (gauging water) 	100 to 200ml per 50kg cement bag
	MASTERPLAST NI : CORROSION INHIBITING ADMIXTURE FOR CONCRETE				
	200 ltr	<ul style="list-style-type: none"> Can be used in all types of RCC Marine structures Bridges ducks Slabs. 	<ul style="list-style-type: none"> Chloride free Easy to use Single component. Ready 	Material should be stirred well before use.	15 to 20 kg per cubic meter of concreteplast
	MASTERPROOF IWP-2				
	500 gms, 30 kg	<ul style="list-style-type: none"> In situ concrete Precast concrete Stone work mortar Cement block rendering mortar 	<ul style="list-style-type: none"> Forms internal water barrier Reduces permeability of mortar and concrete Minimizes capillary action Enhances workability Boosts final strength Non-toxic No corrosion on reinforcements 	Add Masterproof IWP 2 to the dry cement and sand mix. Mix it thoroughly, and then add the required quantity of gauging water.	500 gm. per 50 kg bag of cement is usually sufficient.
	MASTERPRPLAST PB				
	1, 5, 20 kg	<ul style="list-style-type: none"> Water leakage/ seepage Damp & saltpeter Mortar & masonry wall Water retaining structures Plasters 	<ul style="list-style-type: none"> Resolves damp In-depth protection to the wall Prevents saltpetre 	Stir the container very well before use. Shake the container vigorously.	75 to 80 % of mixing water. Mix it for 2 to 3 minutes.

MEMBRANES & ACCESSORIES



PRODUCT	PACKING	APPLICATIONS	FEATURES & BENEFITS	USAGE GUIDELINES	THICKNESS/ TENSILE STRENGTH
	FLEXSEAL 6000 : HIGH PERFORMANCE CROSS-LAMINATED HDPE MEMBRANE FOR SUBSTRUCTURES				
	Roll size 1m x 20m (20sqm)	<ul style="list-style-type: none"> • Basement retaining walls – Cast in Situ and Pre Cast • Sub-structures • Flat decks • Roof assemblies • Elevated or grade level podiums 	<ul style="list-style-type: none"> • High hydrostatic head resistance • Provides dimensional stability, puncture resistance • Single layer - simple, reliable, low labour cost • Gas resistant • Cold-applied • Factory controlled thickness 	<ul style="list-style-type: none"> • Should be laid by peeling the silicone release paper from back and applying the self adhesive face on the surface to ensure good initial bond. • Adjacent roll must be aligned and overlapped by 50mm min. at the ends and sided. the overlap should be well rolled with firm pressure to ensure complete adhesion & continuity. 	<ul style="list-style-type: none"> • Thickness : 1.5mm • Tensile strength: 44 N /Sq.mm
	FLEXSEAL 7000 : FULLY BONDED SELF-ADHESIVE POLYESTER FLEECE WATERPROOFING MEMBRANE				
	Roll size 1m x 10m (10 sqm)	<ul style="list-style-type: none"> • Efficient waterproofing & damp proofing layer for underground structures, vertical surfaces, pipes and other complicated profiles . • Protects from puncture and exposure to weather 	<ul style="list-style-type: none"> • Excellent adhesion to horizontal and vertical surfaces • Protection against water and vapour • Resistant to tear and puncture, chlorides, sulphates, and alkalis • Enhanced UV resistance • Good chemical resistance • Easy to apply, just peel and stick membrane • Cold applied • Completely non-bio-degradable 	<ul style="list-style-type: none"> • Prepare the surface appropriately • Apply Bitumen Primer as per recommended coverage • Install the membrane from low point / drains so that flow of water is over/ parallel to plies and never against the laps. • Peel off release film from adhesive edge and unroll the membrane. • Press it to the surface, smoothen the membrane from the center using wooden press to release the entrapped air. 	<ul style="list-style-type: none"> • Thickness : mm • Tensile Strength: 850/600 N/ Sq.mm • Tear Resistance 450/400

PRODUCT	PACKING	APPLICATIONS	FEATURES & BENEFITS	USAGE GUIDELINES	THICKNESS/ TENSILE STRENGTH
	FLEXSEAL EPDM: NON REINFORCED CURED SINGLE PLY EPDM WATERPROOFING MEMBRANE				
	Roll size 1m x 15m (15 sqm)	<ul style="list-style-type: none"> • Medium to Large sized Residential Terraces • Basements, Foundation and Podiums and Raft Slabs • Lakes, Reservoirs, Canal and Tunnel linings • Swimming Pools • Terrace Gardens 	<ul style="list-style-type: none"> • Durable • High Elongation - upto 300 % • High tensile and tear strength • Zero maintenance cost • Resistance to ozone, UV rays, weathering, heat ageing, acids, alkalis & oxygenated solvents 	<ul style="list-style-type: none"> • Clean the surface. • Apply bonding adhesive, allow it to dry for 5-10 minutes. • Join the surfaces to get a strong and perfect bond. • Maximum bond strength will occur after 24-48 hours. Time taken varies on climatic and surface condition. • Overlaps of EPDM membrane should be done with epoxy bonding adhesives or with seam tapes 	<ul style="list-style-type: none"> • Thickness: 1.2 mm 1.5 mm 2.0 mm • Tensile Strength: 9.0N/ sq.mm
	FLEXPRUFE HDPE : HDPE PRESSURE SENSITIVE WATERPROOFING MEMBRANE				
	Roll size 1m x 20m 2m x 20m	<ul style="list-style-type: none"> • Excellent adhesive bond on poured concrete • Unaffected by ground settlement • Acts as barrier to water, moisture and gas • Ready for placement of reinforcement bars • Excellent anti puncture resistance • Resistant to acid and alkali • Resistant to chemical reaction for various soil types • Resistance to lateral water migration • Weather and UV resistant 	<ul style="list-style-type: none"> • Basement waterproofing • Provides vapour and waterproof membrane in building and civil engineering structures • Forms a integral bond to poured concrete by pressure sensitive adhesive • Simple application - no primers or protection material required • Inert product - no risk of a reaction with ponded waste • Facilitates flexible construction 	<ul style="list-style-type: none"> • Clean the surface thoroughly • Flexprufe HDPE is unrolled and placed in position. Each roll is overlapped by next layer by 75mm • Use Flexprufe Tape , where there is a cut joint by hot air shovelling to 100 mm width • Penetrations e.g., pipe entries through Flexprufe HDPE, require special attention to detail. • End Overlaps : Keep the Flexprufe Tape clean and protect it from being contaminated from dust before use . • It is recommended that concrete be poured within 42-56days of application of the tape. 	<ul style="list-style-type: none"> • Thickness: 1.2mm, 1.5mm & 1.8mm • Tensile strength: film (ASTM D412) >27 Mpa • Elongation: >500%

PRODUCT	DIMENSIONS	APPLICATIONS	FEATURES & BENEFITS	USAGE GUIDELINES	TECHNICAL PROPERTIES
	FLEXDRAIN : PRE-FABRICATED GEOCOMPOSITE DRAIN BOARD				
	8mm 20mm	<ul style="list-style-type: none"> Vertical & horizontal application Collector & deflector of unwanted ground water Studded sheet creates air void to isolate the structure from surrounding ground Withstand ground pressures & compaction forces to maintain a high-water flow capacity 	<ul style="list-style-type: none"> Eliminates hydrostatic pressure build-up Efficient water collector/deflector Smooth polymeric sheet Simple convenient drainage and protection layer Geotextile fabric restricts the movement of soil particles High flow capacity Rot proof Economical 	<ul style="list-style-type: none"> Position Flexdrain so that the geotextile fabric fiber is facing toward the groundwater, soil or overburden. Unroll the sheet onto the substrate and align to the reference point Re-roll the sheet up to half its length Unroll the sheet again and Re-roll the remaining half of the sheet If necessary, warm-up the self adhesive selvages by means of hot air devices 	<ul style="list-style-type: none"> Thickness: 7-8mm Compressive strength : 180 kPa Flow rate gradient : 1.0, load 172 kPa
	FLEXSWELL : THICK-SECTIONED, CONFORMABLE, HYDRO-EXPANSIVE WATERSTOP				
	Roll size 25mm x 19mm 20mm x 10mm 20mm x 5mm	<ul style="list-style-type: none"> Construction joints in in-situ concrete structures Casting new concrete Floor slabs cast against diaphragm retaining walls Joints between floor slabs and pile caps Pipe penetrations through floor and walls 	<ul style="list-style-type: none"> Controlled volumetric expansion reduces risk of concrete spalling. Can be installed at irregular substrates. Retains cohesive strength Protective steel mesh not required Resists 6 bar hydrostatic pressure. Volumetric expansion - 200% Simple overlap jointing on site Reproducible swell after wet - dry cycling Contains no sodium bentonite Easily joined to PVC water stops 	<ul style="list-style-type: none"> Concrete surfaces must be clean and free of all contaminants. Fix Flexswell using masonry nails, it should be spaced at a max. of 300mm centre Press it firmly & properly. All joints should be overlapped 60mm. Can be bent around corner. Any damaged sections should be removed and repaired. Keep Flexswell dry prior to pouring concrete. 	<ul style="list-style-type: none"> Volumetric Expansion : min 200% Water Pressure Resistance : >6 bar Density : 1.46kg / cm³ Maximum Bend : 180° at 0°C
	FLEXPROTECT : HIGH DENSITY STUDDED POLYETHYLENE LAYER				
	20 m x 3.00 m 20 m x 2.50 m 20 m x 2.00 m 20 m x 1.50 m	<p>FLEXPROTECT must be used as protective layer for underground walls and foundations. It also improves drainage and allows air circulation between waterproofing membranes and the ground. Maximum depth for use: 9 m</p>	<ul style="list-style-type: none"> Ease of application Money saving workability No need for free flames Used in bad accessibility situations both on horizontals and verticals Outstanding flexibility at low temperatures (< -25°C) 	<ul style="list-style-type: none"> Unroll the sheet onto the substrate and align to the reference point Re-roll the sheet up to half its length Unroll the sheet again and re-roll the remaining half of the sheet If necessary, warm-up the selvages by means of hot air devices (e. g. LEISTER) or propane gas (burner with out flame) 	<p>Foil Thickness : 0.55 mm (± 0,1) Total thickness (with dimple height): 7.5 mm (± 1) Number of studs: 1600 / m²</p>

WATERPROOFING KA GURU



Branch Network

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Dehradun
Delhi

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