

**EPOXY/ PU FLOOR
COATING**



**WATERPROOFING
CHEMICALS**



ADMIXTURES



**ADHESIVE,
SEALANTS
&
BONDING
AGENT**



Tri Polarcon Pvt. Ltd.

High Performance Construction Chemicals Manufactures & Exporters

An ISO 9001-2015

COMPANY PROFILE

TRI POLARCON expertise is in providing high performance construction chemicals. The company's R&D center and manufacturing unit produce a wide range of construction chemicals that addresses unique challenges of construction in different parts of the country. TRI POLARCON has provided solutions to client from the private sector, public sector and Government. The company has worked with well known residential and commercial building construction companies and infrastructure development companies for building dams, power plants, roads, hospitals, hotels, among others.

Our company is what today because of the strong foundations of wide expertise and knowledge laid by our founders having 16 years experience in various Multinational construction chemicals companies. We have always believed in "applying chemical technology to create better work and living spaces" and continue to do so.

Quality Innovation:

TRI POLARCON strictly believes in quality improvements & that's why it is now ready to take any challenges from people to make it more qualitative product. The believes that only through quality, it can increase sales level & for that they always try to make the best quality products which are being served to consumers in a better manner.

Laboratory:

We also have a well equipped laboratory where we carry out tests on the finished products before they are finally dispatched.

Infrastructure and Team:

Making use of the expertise that we process, we have well equipped with the latest machinery and technology. With the help of this manufacturing unit, we are able to make quality productions in bulk.

Quality Assurance:

With our commitment to offer only quality products and services, we have been able to give consistent performance continually. We adhere to stringent quality procedures of international standards while carrying out the production process.



TRIPLAST (CONCRETE ADMIXTURES)

Admixtures are added in order to reduce the water by reducing w/c ratio in a mixture or to slow/fast the properties of a concrete mixture. Concrete Admixtures increase the plasticity or fluidity of the concrete material. Some admixtures are added to concrete mixtures to improve work ability of concrete.

Product Name	Description	Uses	Packaging	Dosage/ Yeild / Coverage
Triplast sd110	Water reducing plasticizer for concrete.	Low grades concrete, Precast concrete, In concrete brick & block manufacture.	250 kg drum	0.5 to 1.2 kg/ 100 kg of cement (as per site requirements)
Triplast Superflow	High Range Water Reducing Super plasticizers for precast concrete	Precast concrete, Pre-stressed Concrete, Ready Mix Concrete for Higher grades, Pumpable concrete.	250 kg drum	0.5 to 1.2 kg/ 100 kg of cement (as per site requirements)
Triplast CUR(WB)	Concrete Curing Compound is a liquid curing agent for curing freshly poured cement-based surfaces, especially industrial concrete floors.	Precast concrete, pre-stressed concrete, ready mix concrete for higher grades, pumpable concrete.	250 kg drum	0.5 to 1.2 kg / 100 kg of cement (as per site requirements)
Triplast SPL2	High Range water Reducing and Retarding Super plasticiser for Higher Grades Concrete	Low grades concrete, Precast concrete, In concrete brick & block manufacture.	250 kg drum	0.5 to 1.2 kg/100 kg of cement (as per site requirements)
Triplast SPL 3	High Range Water Reducing and Retarding Super plasticiser for Higher Grades Concrete.	Precast concrete, Pre-stressed Concrete, Ready Mix Concrete for Higher grades, Pumpable concrete.	250 kg drum	0.5 to 1.2 kg/100 kg of cement (as per site requirements)
Triplast Hyper 10	PC-Base High Range Water Reducing and Retarding Super plasticiser .	Precast concrete, Pre-stressed Concrete, Ready Mix Concrete for Higher grades, Pumpable concrete.	250 kg drum	0.5 to 1.2 kg/100 kg of cement (as per site requirements)
Triplast LW	Integral Liquid waterproofing Admixture For concrete & cement mortar	It Is used for waterproofing of concrete and sand- cement mortar used in basements, roof slabs, water retaining structures, external plastering, Bathrooms and balconies etc.	250 kg drum	200 ml /50kg cement Bag



TRIKOL

SEALANTS

Sealants are used for sealing horizontal & structural expansion joints in structure.

Product Name	Description	Uses	Packaging	Dosage/ Yeld / Coverage
Trikol 625G	Two Part-polysulphide sealant-Gun grade	Sealing horizontal & structural expansion-Joints in most civil engineering structures like high rise buildings, roof terraces, basement, Structural floor joints, parapet wall & ceilings. Internal & external wall claddings. Sealing of joints of water retaining structures such as Reservoirs, Dams, Canals and Culverts.	4kg	$\frac{L \times \text{vol of sealant ml}}{W(\text{mm}) \times D(\text{mm})}$ L=Length in Rmtr W=Width(mm) D=Depth(mm)
Trikol 625P	Two-part polysulphide sealant-Pour grade confirms to BS 5212:1990	For sealing and maintenance of horizontal joints in-Arircraft fuelling areas, Oil terminals, Garage forecourts, Concrete Roads, Parking and cargoreas, Warehouses, Industrial Floors.	4kg	Same as Above
Trikol 1KPU	One part low modulus polyurethane sealant	Sealing horizontal & structural expansion-Joints. The product is suitable for sealing joints in pre-cast elements, external walling, curtain walling and cladding, panel walls, window	600ml Sausages	Same as Above
Trikol EPU	Two part Epoxy polyurethane sealant	Uses: For sealing internal floor joints subject to heavy industrial use in factories, particularly for sawn joints in long strip floorings and other large internal areas.	5kg, 10kg, 15kg,	Same as Above
Trikol AC	Flexible Acrylic sealant	Use in internal low movement joints, joints around window, door frames, skirting boards, walls and ceilings, External and Internal track filler.	1 kg, 5kg, 10kg	As per requirement
Trikol Porous Primer	Primer for Trikol 625 G & Trikol 625P	Primer for user with Trikol625G & Trikol625P 1)Concrete Surfaces, 2)Natural Stone, 3)Bricks & Stained Timber Frame 4)Glazed Tile(Unglazed edges).	250 ml AL Bottle	6-8% of Sealant quantity

GROUTS

Grouts are used for cavities or voids between bricks, tiles or frames.

ADHESIVES

An adhesive is a material used for holding two surfaces together. An adhesive must wet the surfaces, adhere to the surfaces, develop strength after it has been applied and remain stable.

Product Name	Description	Uses	Packaging	Dosage/ Yeld / Coverage
Trikol ETG USG	Epoxy Tile Grout (Above 2mm Width)	Residential & Institutional kitchens, Cafeterias & food joints, Wash room & clean rooms, Swimming pools, spa & sauna, Hospitals, Operation theaters, Laboratories, Schools.	11.1 kg	Varies with tile size and grout width
Trikol ETG SG	Standed Epoxy Tile Grout (Below 2mm width)	For Porous & absorbent type tiles, non-viterous clay tiles and marble & glazed wall tiles. Suitable for internal and external applications.	20 kg, 25kg	Same as Above
Trikol USG	Cementitious unsanded grouts it is designed for joint width 1mm to 2mm.	For Porous & absorbent type tiles, non-viterous clay tiles and marble & glazed wall tiles. Suitable for internal and external applications.	20kg, 25kg	Same as Above
Trikol SG	Cementitious sanded Grouts It is Designed for joint below 2mm width.	For Porous & absorbent type tiles, non-viterous clay tiles and marble & glazed wall tiles. Suitable for internal and external applications.	20 kg 25 kg	Varies with tile size and grout width
Trikol PUG	Polyurethane Grout Fast Curing For M/C Foundation	Polyurethane Grout Fast Curing For M/C Foundation.	10kg	As Per Requirement
Trikol TAE Trikol TAH	Polymer modified Cementitious tile Adhesives	Easy to apply, Higher working time, Suitable for any substrate, Ultimate bond Strength.	20kg, 25kg	As per requirement
Trikol JM	AAC Block Adhesives	For interior and exterior use for preparing thin bed block mortar for ALC and cellular concretes blocks.	20kg, 25kg	As per requirement



TRIFLOR

Epoxy / PU Floor Coatings & Protects your floor,
Benefit of Triflor is Enhanced resistance to chemical & solvent spills, Low retention of dust & dirt.

Product Name	Description	Uses	Packaging	Dosage/ Yield / Coverage
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PRIMERS

Triflor EP 25	Epoxy resin based primer for concrete surfaces	Triflor Ep25 is suitable for priming concrete surfaces prior to the application of any of the Triflor range of resin based floor toppings.	6 kg	60 m2 / kit
Triflor ESD Black	Conductive Primer for Antistatic Epoxy Floor Coatings	Triflor ESD Black Conductive primer for Antistatic Epoxy Floor coatings.	6 kg	60 m2/ kit
Triflor EP WB	Water based Epoxy primer	Triflor EPWB is suitable for priming concrete surfaces prior to the application of any of the Triflor range of resin based floor toppings.	6 kg	30 m2/ kit
Triflor PUC SC	Pucrete scratch coat	Triflor PUC SC is suitable for priming concrete surfaces prior to the application of any of the triflor range of any polyurethane based	17 kg	15 m2 /kit

THIN FILM COATINGS

Triflor TC 250	It is epoxy based light duty, glossy, epoxy thin top coat floor.	It is ideally suited for use in wet areas, where a high degree of resistance to chemicals, oils and grease is required such as: Dairies, Soft Drinks Production facilities, Chemical manufacturing plants, Car parks and workshops.	5kg, 10 kg	5 m2/kg
Triflor PU AL	PU aliphatic grade flexible, high UV resistant thin exterior floor coatings	For use in Dairies, Soft Drinks production facilities, chemical manufacturing plants, car parks and workshops.	6 kg	5 m2/kg
Triflor PU AR	PU aromatic grade flexible, high resistant thin interior floor coatings	For use in Dairies, Soft Drinks production facilities, chemical manufacturing plants, car parks and workshops.	6 kg	5 m2/kg
Triflor PU WB	Water based polyurethane clear Coating.	For use in Dairies, Soft Drinks production facilities, chemical manufacturing plants, car parks and workshops.	5 Kg	8-10 m2/ Kg.

EPOXY MORTARS & COVINGS

Triflor EPFILL	Three components epoxy compound	Repairing compound for damaged industrial concrete floor.	30kg	As Per Requirement
Triflor COVE	A four component pack, solvent free, epoxy resin based coving mortar.	Used to form coved skirtings.	31kg	3"- 25-30RTM/Kit
Triflor CPM	TRIFLOR CPM is a rapid setting cementitious Polymer Mortar for repairing concrete before application of polymer coatings, linings, or flooring.	It is used for patching of concrete to be topped with polymer coating or floor, Concrete slabs on grade, Equipment foundation repairs & modifications, Concrete trenches.	25 kg	As Per Requirement

BAY MAKING COATING

Triflor PBM (150-200 micron)	Polyurethane based coating for bay marking.	Bay marking coating for Industrial concrete floor.	5 kg, 6 kg	4" - 40 RTM/kg 3" - 45 RTM/kg
Triflor EBM (250-300 micron)	Epoxy based coating for bay marking.	Bay marking coating for Industrial concrete floor.	5kg	4" - 35 RTM/kg 3" - 40 RTM/kg
Triflor HBM (Epoxy/ PU)	High Build Bay Marking	High Build Bay Marking For 2-3 MM Thick	5.96 kg	3"-20 RTM/KIT/1mm
Triflor RBM (INT/EXT)	Road Bay Marking	Road Bay Marking	5.06 kg	4"-15 RTM/Kit/2mm

FLOOR HARDNERS

Triflor Diamand Hard (Red, Green, Grey)	Preblended, non metallic, mineral dry shake hardner for concrete floor.	Surface hardners are ideally suited for all industrial areas subject to the heaviest traffic, e.g. loading bays, trucking lanes, car parks, workshops, machine shops, ramps and spillways.	25.00 kg	Heavy Duty- 7.0 kg/m2/ Medium Duty-5.0kg/m2/ Light Duty- 3.0 kg/m2
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Product Name	Description	Uses	Packaging	Dosage/ Yield / Coverage
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SELF LEVELLING UNDERLAYS

Triflor SLUL	Self smoothing seamless epoxy underlay screed.	SLUL is designed for application in the range of 1-4 mm provides an economical method of levelling floors prior to laying epoxy screed, toppings or coatings Triflor SL range of product.	16 kg, 18kg 19kg 20kg	12 m2/ Kit / 1 MM 6 m2 / Kit / 2MM 4 m2 / Kit / 3 MM 3 m2/ Kit/ 4MM
Triflor PUC SD	Pucrete Screed	PUC SD is designed for application in the range of 1-4 mm provides an economical method of levelling floors prior to laying pucrete screed, coatings Triflor PUCRETE range of product.	18.4kg	9 m2 / Kit / 1 MM 4.5 m2 /Kit / 2MM 4 m2 /Kit / 3 MM
Triflor WBSLUL	Water based epoxy self levelling underlay.	WBSLUL is designed for application in the range of 1-4 mm provides an economical method of levelling floors prior to laying epoxy screed, toppings or coatings TriflorSL range of product.	20.4 kg	4 m2 / Kit/3 MM
Triflor CUL	Cement based Underlay.	Triflor CUL floor Leveller is used as a subfloor underlayment prior to installation of carpet, tiles or other floor covering system.	25kg	14 m2 /Kit/1MM

EPOXY, PU & EPU SELF LEVELLING TOP COATS

Triflor SL 500/1000/2000	0.5mm/ 1mm/ 2mm Thick self smoothing seamless epoxy floor toppings.	It provides a dense, impervious, colored and chemically resistant floor surface which is hygienic and easy to clean. Typical applications include: Clean, Rooms, Kitchens, Plant rooms, Light industrial plants.	6 kg 13.2kg 16.5kg 18.5kg	16m2/ Kit/ 0.5mm 10m2/ Kit/ 1mm 6m2/ Kit/2mm
Triflor EPU SL (1mm/2mm)	Epoxy- polyurethane hybrid flexible self levelling floor coating.	Two Pack Colour	6 kg 15 kg, 30 kg	1 m2/ Kg / 1 MM 0.5 m2/Kg / 2MM
Triflor PUC TC 1mm/2mm/3mm/4mm	2/3/4 mm polyurethane based heavy duty flooring.	Tiflor Pucrete is three components, chemical resistant antimicrobial polyurethane resin floor finish. It has a hard wearing, abrasion resistant and smooth matt coloured floor finish. Clean rooms, kitchens, plant rooms, light industrial plants.	17.9 kg 17.9 kg 20.4 kg, 20.9 kg	10 m2/ Kit-1mm 6 m2/ Kit-2mm 4 m2/kit-3mm 3 m2/kit-4mm

SPECIAL FLOOR COATINGS

Triflor ESD SL 1000/2000	self leveling epoxy Electrostatic Dissipative flooring. Antistatic floor with an electrical resistance in the range 10^6 to 10^{10} ohms.	Specific applications include: Electronics manufacture and assembly clean rooms, process area and solvent handling/ process areas in pharmaceuticals units, Computer rooms Hazardous dust and chemical environments hospital operating theatre nuclear plants, computer and control panel rooms.	16.53 kg	12m2/Kit/1mm 6m2/kit/2mm
Triflor PU Flex	Flexible PU	Flexible Polyurethane based self levelling floor topping	20.4 kg 11.03 kg	8 m2/ Kit
Triflor HVI 2000	High Voltage Insulation	Triflor HVI for electrical purposes are mainly for safety from electrical shock when working in or around environment like High voltage panels, Sub-station, power transformer rooms, LT & HT labs, near bus bars, near control panels etc.	18.5 kg	6 m2/ Kit
Triflor Antiskid	Slip Prevention floor coating	Anti-skid coatings are excellent for ramps, waterpark, loading docks, walkways, stairs, parkings where non-skid finish is desired.	APR	2mm- 4-5Kg silica Quartz/Sq.m 3mm- 5-6Kg silica Quartz/Sq.m

DECORATIVE FLOOR COATINGS

Triflor MTL	Mettalic Floor Coating	Metallic floor coating can be applied over multiple floor surfaces including tile. It is a self levelling composition and forms a very smooth, attractive hygienic, hard wearing and chemical resistant floor topping.	6 kg 6.3 kg	9.3 m2 / Kit
Triflor ECC / 3D Flooring	Epoxy Clear Coating for 3D Floor Coating/ GR floor Coating as a top coat.	Triflor ECC is a two component polyamide cured epoxy resin based coating to form the hard with very good adhesion and resistant to abrasion and impact.	6.5 kg 20.4 kg	6.55 m2/ Kit
Triflor GR	Grannular Floor Coating	Grannular floor coating for decorative purpose.	16.4 kg	9 m2/kit
Triflor PUCRETE Gr3	Pucrete Grannular Floor Coating	Pucrete Grannular Floor coating in Matt Finish	19.4 kg	4 m2/kit



TRIGUARD

Waterproofing Chemicals & Protective Coatings

The Triguard System is a group of coating based on Acrylic, Epoxy and polyurethane resins, which is use to prevent commercial properties, public buildings, high rises buildings from water in order to protect interiors finish of buildings. It also maintains structural integrity of building and provides healthy living environment by preventing the development of structure.

Product Name	Description	Uses	Packaging	Dosage/ Yield / Coverage
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WATER BASE PRIMERS

Triguard WP	Primer for wall	It is suitable for priming wall surfaces	5 kg, 6 kg 10kg, 20kg	10 m ² /kg
Triguard EPZP	Zinc phosphate Epoxy primer for metal	Recommended as a anti corrosion primer for exposed steel structure.	5kg	8 m ² /kg
Triguard MM80	Polymer for primer as well as water proofing system	Provides an effective and economical method of waterproofing to concrete and masonry surfaces, by mixing with cement and application by brush.	5 kg, 10kg, 15kg, 20kg	10 m ² /kg
Triguard SBR LATEX	Polymer For Primer As well As Water Proofing System	Provides an effective and economical method of waterproofing to concrete and masonry surfaces, by mixing with cement and application by brush.	5 kg, 10kg, 20kg, 25kg	10 m ² /kg
Triguard LW+	Integral Liquid waterproofing Admixture For concrete & cement mortar	It is used for waterproofing of concrete used in basements, roof slabs, water retaining structures, external plastering, Bathrooms and balconies etc.	5 kg, 10kg, 20kg, 25kg	200ml/50 kg cement Bag

WATERPROOF EXTERIOR COATINGS

Triguard Elastica	Acrylic Based Highly Elastomeric waterproof Wall coating for Exterior surfaces	It is Acrylic Based Highly Elastomeric waterproof Wall coating mostly used for Exterior RCC Surface, Exterior masonry walls or facades.	1kg, 2kg, 5kg,6 kg, 10kg, 20 kg	6 m ² /kg
Triguard Walnut	Acrylic Based Highly Elastomeric waterproof low cost Wall coating for Exterior surfaces	It is Acrylic Based Highly Elastomeric waterproof Wall coating mostly used for Exterior RCC Surface, Exterior masonry walls or facades.	1kg, 2kg, 5kg,10kg, 20 kg	6 m ² /kg
Triguard NWRE	Water Repellent Coating Economical	Water Repellent Economical grade water base coating. It will prevent water penetration and protect surface.	20.4 kg 5kg,10kg	8 m ² /kg
Triguard NWRH	Water Repellent Coating High Grade	Water Repellent Economical grade water base coating. It will prevent water penetration and protect surface.	5kg,10kg	8 m ² /kg
Triguard NWRS	Water Repellent Coating Solvent Base.	Water Repellent Coating solvent based is colourless for exterior walls , exposed Decorative bricks, RCC/Stone facial, Old Heritage lime-finished Structure. It allows the masonry to breathe. Available in solvent based grade.	5kg,10kg	8 m ² /kg
Triguard XTRA	It is Liquid Applied waterproofing membrane coatings for Terrace.	It is mostly used for for Building Roofs/Terrace-Flat & slopes,Over existing cementitious waterproof treatments like brick-bat coba,concrete screed,and acrylic coatings.	1kg, 2kg, 5kg,10kg, 20 kg	4 m ² /kg
Triguard 2K FLEX	Elastomeric Polymer Modified cementitious waterproof coatings.	It used for waterproofing of existing and new structure. Also Suitable for all types of structures including those situated in coastal environment, Roof basements, watertanks.	15 kg	8 m ² /kg
Triguard 250	Single Component Polyurethane waterproof membrane system	It is premium,Liquid-applied,highly permanent elastic,cold applied and cold curing.Use on most waterproofing application as roof,balconies,terraces,etc.	5 kg, 10 kg, 15 kg	As per Requirement

FLEECE

Triguard FMS	Fiber Mesh	Used For Elastomeric polymer modified cementitious waterproof coatings.	6 kg Roll	As per Requirement
Triguard FLS	Fleece 40 gsm	Used in liquid applied waterproofing membrane coatings for Terrace	Roll	As per Requirement

Product Name	Description	Uses	Packaging	Dosage/ Yield / Coverage
SPECIALITY COATINGS FOR WALLS				
Triguard INSU	Heat Reflective and concrete protection exterior paint. Triguard INSU is solution for heat reducing & Energy Saving. Waterproofing and antifungal characteristics, acrylic emulsion based elastomeric waterproof coating. It is applied terraces and rooftops of buildings and also on exterior walls of buildings.	It is Applicable on Terraces and rooftops of buildings- Cementitious, asbestos & metal surfaces. Exterior walls of buildings such as cold storages, computer server rooms, Electrical control panel rooms, etc.	5 kg, 10 kg, 20 kg	4.75 m ² / kg
Triguard FRM/FRG	It is water based, Intumescent coating.	It can withstand extreme temperature for a longer period of time (Up to 2 Hours). It is non-toxic and environmentally safe. Fire Retardant wall coatings for commercial, Industrial & Residential Building. It has no toxic fumes, little or no odor and has passed the stringent requirements for solvents and emissions fumes or gases.	5 kg, 10 kg, 20 kg	8 m ² / kg
Triguard WFM / WFG	This is Hygienic wall coatings Matt & Glossy Finish. One pack interior wall finish designed to provide rich, lustrous, very smooth and hard film to provide hygienic surface.	Due to the extraordinary adhesion, it can be applied on various substrates & its having property of Anti Bacterial & Anti-Fungal System. It is used for Hotels and flight kitchens, Residential premises, Dairies and Breweries, Hospitals, Food and Meat Processing Plants.	5 kg, 10 kg, 20 kg	8 m ² / kg
Triguard HB 300	It is Epoxy based hygienic coating for potable water tank. The Triguard HB300 is Certified by National Toxicity Center (Approved by food and drug administration - Pune) according to OECD GUIDELINE For use on surfaces in direct contact with potable (Drinking) water.	It is Used for coating on drinking water supply channels, drinking water pipes, drinking water tanks, and Reservoirs, Swimming pools, Kitchens walls etc.	5, 10 kg	3 m ² / kg
Triguard PUAL / PUAR	2K-PU Based thin coating for wall	Two Component Polyurethane based thin coating for wall. Triguard PUAR - For Indoor application Triguard PUAL - For Outdoor or Exterior Application	5 kg	5 m ² / kg

CERTIFICATIONS

1. We pay great emphasis on ensuring that our company, processes and products comply with the latest standards.
2. Our company is certified with the ISO 9001:2015 quality management system from Bureau Veritas
3. Our electrical certificate is certified by ERDA
4. Our coating products are certified for food CFTRI



An ISO 9001-2015

SOME OF OUR PROJECTS



SOME OF OUR CLIENTS



Tri Polarcon Pvt. Ltd.

High Performance Construction Chemicals Manufactures & Exporters

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