



CONFIX INDIA

Construction Chemicals





Confix India

We aim to provide the construction industry with a wide range of services ranging from concrete technology, construction chemicals, material engineering services, training. We provide complete solutions for the construction industry by one-on-one connect with our customers. This helps us maintain confidentiality of our services. The Company has a manufacturing plant in Chennai and we have a technical and financially collaborated with Singapore.

Our Product Portfolio has a full range of construction system products as follows.

- Waterproofing system / Membranes
- Injection Grout Resins
- Grouts & Micro concrete
- Repairs and Restoration
- Admixtures
- Joint/Crack Sealants
- Protective Coatings



Our Vision is to thoroughly "Confix" the needs of our Customer to provide the most constructive solutions for the concrete construction and the construction chemical industry. We ensure Customer Satisfaction by bringing together a veritable portfolio of products and services to meet customer needs from start to finish on a project to create enduring value. Our Final Vision is to provide quality service for our financial upliftment, for the mutual benefit of all associated with us and to enhance the quality of life of the people associated with our company.



Our Mission is to educate the customers the uses and advantages of construction chemicals and use them in a cost effective way. To add value to clients through innovations, reliability, exceptional quality services and fosters an eco-friendly environment and thus encourages their participation and support in pursuing accurate application practices.



Always accumulate experience to provide complete technical solutions to solve constructional and waterproofing problems. Our core value is creating the best value for our customer, the final end user and the project in general. We draw on a wide range of experience and contacts through the construction industry to provide the best possible service and collaboration to our customers. Finally integrity, trust and accountability, form the basis of our value system.



INJECTION SYSTEMS

TOP INJEKT 70

2'C high strength Injection Resin

Description

TOP INJEKT 70 is a two part system is solvent-free, low viscosity high compressive strength Resin based system designed to form a strong permanent bond and seal in cracks in dry, damp and wet concrete.

Advantages

- Even underwater, it provides very effective sealing, bonds with the above sealing materials and sealing foils.
- Low viscosity allows penetration into fine cracks.
- Good adhesion to dry/wet substrates.
- High tensile strength, withstands high hydrostatic pressure.
- On contact with water the product forms rigid foam to arrest water in leakages.
- It increases the strength and stiffness of cracks, voids, cavity filling in structure.
- Without presence of water the product also reacts and forms of hard substances.
- While contacting with water the reaction of the substance is completed within a short period of time.

Area of Application

- Water ingress with highly pressurized water
- Area sealing, Building pits, loose rock and structures.
- Tunneling Structures
- Sealing of concrete slabs under water

Packaging

Part A: 20, Part B: 20 kg & 200 kg Drum

Shelf Life

12 Months



TOP ACRYLIC GEL

Low viscosity acrylic gel for injection

Description

TOP ACRYLIC GEL is a low viscosity it can be injected into substrates with very fine pores. It is a multi-component, water-swelling-capable hydrogel based on acrylate or methacrylate with very good mechanical properties, especially with an extremely high elongation.

Advantages

- A very high sealing effect with long term durability and integrity
- High elasticity and adhesion to construction materials such as concrete, masonry and steel
- Reaction time for curing can be adjusted to suit but there are limitations
- Excellent penetration capacity due to water like viscosity, giving instant filling of injection hose and the joint as well as hairline cracks and capillaries.

Area of Application

- Horizontal and vertical barriers in masonry.
- Curtain injection in structure behind walls, under floor slabs
- In tunnels, shafts and void injections.

Packaging

TOP Acrylic Gel is supplied in Component A1 – 20 kg, Comp A2 -1 kg, Comp B – 0.5 kg, Comp B1 -20 kg

Shelf Life

12 Months

LIQUID APPLIED WATERPROOFING

TOP ZIPROOF 140

Two Component Hybrid Spray Applied Polyurethane Waterproofing Membrane

Description

TOP ZIPROOF 140 is a two component, solvent free; polyurethane based waterproofing membrane with crack bridging capability. Since it is very reactive, it can only be applied with special spray equipment.

Advantages

- ♦ Can be applied both to horizontal and vertical surfaces
- ♦ Low risk of blistering owing to water vapor permeability
- ♦ 100% adhesion to the substrate
- ♦ Quick application and curing.
- ♦ Provides monolithic application, no joints, laps etc details
- ♦ Good weathering resistance to UV radiation, ozone and high energy.

Area of Application

- ♦ Podium and car park decks, tunnel lining, foundation, basement, green roofs, truck bed lining, waste water tank line.

Coverage

DFT will be 1.8 mm at specified coverage of 2 kg /sqm.

Packaging

TOP Ziproof 140 is supplied in Part A: 210 kg and Part B: 220 kg

Shelf Life

Refer TDS



TOP SEALROOF 104

Single Component Polyurethane Waterproofing Membrane

Description

TOP SEALROOF 104 is a single component polyurethane membrane system. It is in a liquid medium which will react with the atmospheric air while coating to provide a tough elastomeric waterproofing membrane.

Advantages

- ♦ Protects structure from water penetration
- ♦ Suitable for all climates
- ♦ Eliminates lapping, seaming and precutting
- ♦ Highly elastic, cures to give a permanently flexible resilience
- ♦ Excellent resistance to oxidation and embrittlement
- ♦ Mechanical damage to the membrane can be easily repaired by spot application
- ♦ Excellent adhesion can be applied to a wide range of substrates

Area of Application

- ♦ All types of roofs, balconies and decks
- ♦ Retaining walls and basements
- ♦ Water reservoirs and bridge deck

Coverage

DFT will be 1 mm at specified coverage of 1 kg /sqm Approximate.

Packaging

TOP Sealroof 104 is supplied in 25 kg

Shelf Life

Refer TDS



TOP SEAL 100

Two Components Cementitious High Flexible Elastomeric Waterproofing

Description

TOP SEAL 100 is a two component polymer modified highly flexible, crack bridging cementitious water proof coating. To provide protection to concrete surfaces from carbonation and chloride attack.

Advantages

- Solvent free Polymer modified hydraulically setting slurry.
- Resistant to water pressure up to 7 bars
- Can be easily applied by brush or Trowel

Area of Application

- Roofs, balconies and decks Sealing and protection of bridge decks, tunnels, swimming pool etc.,

Coverage

Coverage of 1.8kg/m² at 1 mm thickness.

Packaging

Supplied in Part A: 20 kg, Part B: 10kg

Supplied in Part A: 30 kg, Part B: 10kg

Shelf Life

Refer TDS



REPAIR & STRENGTHENING SYSTEM

TOP SBR

Latex Polymer

Description

TOP SBR latex admixture that is designed as an integral adhesive for cement bond coats, mortars and concrete to improve bond strength and chemical resistance.

Advantages

- Reduces cracking through increased mortar flexural strength
- Increases wear resistance under rubber wheeled traffic
- Improves bond strengths to hardened concrete
- Increases durability
- Increases mortar tensile strength

Area of Application

- Concrete repair and adhesive mortar, screed
- Roof finishing, coating
- Bonding agent for old concrete to new concrete

Coverage

Refer TDS

Packaging

Supplied in 20 kg

Shelf Life

Refer TDS

TOP PLUG

Rapid Setting Plugging Compound for Running Water Stopper

Description

TOP PLUG is a fast setting hydraulic compound that instantly stops running water or seepage through masonry surfaces. It will become harder and more resistant when subjected to constant water pressure.

Advantages

Stops running water instantly
Suitable for concrete, brick, stone and clay pipes
Withstands hydrostatic pressure
Non shrink, nonmetallic, Low exothermic minimizes thermal cracking.

Area of Application

- Water cut off
- Joint and crack surface sealant.
- Pipe jointing.
- Sealing pipe and cable entries

Coverage

Refer TDS

Packaging

Supplied in 5 & 25 kg

Shelf Life

Refer TDS



TOP GROUT 60

High strength Non shrinkage cementitious grout

Description

TOP GROUT 60 is a ready-mix and non-shrinkage cementitious grout based material with expansive additives, construction grout that can be mixed to a non-slump or pourable mix and is suitable for a wide range of projects and applications.

Advantages

- Excellent adhesion to iron and concrete.
- High ultimate strength ensure the durability of the hardened grout
- Free flow ensures high level of contact with load bearing area.

Area of Application

- Steel columns, bearing plates, precast concretes, structural columns, and anchor bolts.

Coverage

Refer TDS

Packaging

Supplied in 25 kg

Shelf Life

Refer TDS



TOP FLOWCRETE

Plasticizing Admixture & Grouting Aid for Cementitious Grouts

Description

TOP FLOWCRETE is a powdered admixture for use in cementitious grouts and concrete. It is formulated to produce improved grout quality and increased durability, whilst overcoming Problems of settlement and plastic shrinkage using a gaseous expansion mechanism.

Advantages

- Increases durability of repaired structures.
- Reduced water-cement ratio of cementitious grouts, the mix has reduced permeability to water.
- Does not affect the setting time of cement.

Areas of Application

- For injection grouting in –
- RCC slabs, Sunken slabs,
- RCC walls of water tanks, swimming pools
- Basements for waterproofing purpose
- Duct grouting
- Rock and soil anchoring
- Pre-placed aggregates and tunnel lining
- Crack filling in structural cracks
- For structural strengthening in repairs

Coverage

50 kg cement and 250 gms

Packaging

Supplied in 250 gms and 5 kg

Shelf Life

Refer TDS

TOP CRETE 80

Non shrinkage trowelable fibre reinforced thixotropic repair mortar

Description

TOP CRETE 80 is a ready-mix and non-shrinkage cement base dry powder, provides smooth level Surfaces with highly consistent repair mortar for special purpose concrete and masonry repairs.

Advantages

- Sprayable able to repair complex profiles easily with minimal rebound.
- Fast and easy placing reduced time for Repairs.
- Repairing of cracks and porous surfaces.
- Suitable for hydraulic structures.
- Shrinkage compensated – reduced risk of cracking.

Area of Application

- Suitable for placing in thicknesses of 12mm to 50 mm both vertically and overhead. Repairs to Piers, Dams, Seawalls and Other Marine Structures, Bridges, Tunnels, Garages.

Coverage

Refer TDS

Packaging

Supplied in 25 kg

Shelf Life

Refer TDS

TOP CRETE 66

High strength shrinkage compensated repair mortar for concrete

Description

TOP CRETE 66 is a ready-mix High Performance, Flowable Structural Micro Concrete is a pourable repair mortar designed for reinstating horizontal concrete surfaces damaged through concrete spalling and other chemical or mechanical causes.

Advantages

- Vertical or horizontal structural repairs where the thickness of repair is more than 20mm.
- Use of pourable mortar is preferable to hand or machine applied repair systems.
- Repairing of cracks and porous surfaces.
- Excellent impermeability to water
- Remove damaged concrete and prepare exposed steel reinforcement.

Area of Application

- Vertical or horizontal structural repairs where the thickness of repair is more than 20mm and use of pourable mortar is preferable to hand or machine applied repair systems. Repairs to bridges, tunnels, garages, silos, Jacketing of beams, columns and other Structural elements for strengthening

Coverage

Refer TDS

Packaging

Supplied in 25 kg

Shelf Life

Refer TDS



TOP GROUT EP

Low exotherm, flowable epoxy resin grout

Description

TOP GROUT EP is a solvent free three component system consisting of Resin, Hardener and specially graded inert fillers. It is a low exothermic material to suit for injection grouting where long working time is needed, to produce a high viscosity flowable grout suitable for voids of 50-175mm and for grouting at high ambient temperatures up to 50°.

Advantages

- ◆ High bond strength Tenacious adhesion to prepared surfaces and requires no priming.
- ◆ Excellent adhesion to steel.
- ◆ High abrasion and chemical resistance. .
- ◆ Non-shrink and hence ensures complete surface contact and bond.
- ◆ High compressive, tensile and flexural strengths withstand a wide range of chemicals.

Area of Application

- ◆ Precision grouting
- ◆ Structural concrete repairs.
- ◆ Dynamic loading
- ◆ Transport and crane rail anchoring

Coverage

Refer TDS

Packaging

Supplied in 20 kg

Shelf Life

Refer TDS

TOP GROUT LV

Low Viscous epoxy injection resin grout

Description

TOP GROUT LV is a two component solvent free crack injection material composed of very low viscous liquid epoxy resin & hardener system. It is designed for injecting into narrow gaps, cracks and voids ranging from 0.1mm to 10mm.

Advantages

- ◆ Solvent free Low viscosity - Can be injected into fine cavities and narrow gaps.
- ◆ High mechanical strength - Performs even under heavy loads and stresses.
- ◆ High compressive, tensile and flexural strengths
- ◆ Adhere to concrete with no loss of bond

Area of Application

- ◆ Crack injection of concrete structures by pressure injection and gravity feed.
- ◆ Sealing of cracks and crazing
- ◆ Thin gap base plate grouting
- ◆ Anchoring of small diameter rebar and studs

Packaging

Part A: 10kg and Part B: 5kgs

Shelf Life

Refer TDS

TOP BOND EP

Epoxy Bonding Agent for Concrete

Description

TOP BOND EP is a multipurpose solvent free two component system based on liquid epoxy resin with a hardener. Provides a bond of far greater strength than the tensile strength of the concrete itself, It is supplied as a two part material in pre weighed quantities for ready onsite mixing and use.

Advantages

- ◆ Adheres to wet or damp surfaces – Wide application area
- ◆ Solvent free – Low VOC and non-shrink
- ◆ Pre-proportioned packaging – No job site errors
- ◆ Multi-purpose binder – Many uses
- ◆ Low viscosity – Easy to apply as primer
- ◆ High abrasion and chemical resistance – Can be used as wearing surface

Area of Application

- ◆ Structural bonding of new to old concrete
- ◆ Grouting dowels

Coverage

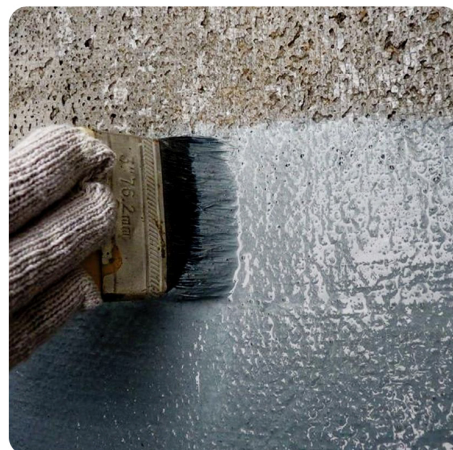
2-2.7 m²/Kg depending on profile of concrete.

Packaging

Supplied in 1 kg & 3 kg kit.

Shelf Life

Refer TDS



ADMIXTURES

TOP PLAST IP

Integral Waterproofing Compound for concrete and mortar

Description

TOP PLAST IP is an integral waterproofing which minimizes the permeability and increases the waterproofing properties of the concrete and cement mortar.

Advantages

- Reduced sulphate attack.
- Reduced efflorescence.
- Improved cohesion, reduce segregation.
- Pumpability of concrete is greatly improved.
- Improved surface finish.
- Reduced shrinkage cracks in plasters
- Do not reduce compressive strengths
- Liquid – easy to use.

Area of Application

- Tunnels, Basements, Balconies, Canals, Water tanks, Precast Structures, Inspection chambers, Sumps, Concrete walls, Manholes and Swimming pools

Coverage

Refer TDS.

Packaging

Supplied in 1litre, 5 liter, 20 and 200 liters containers

Shelf Life

Refer TDS



CON PLAST SP

High Performance concrete super plasticizer Admixture

Description

CON Plast SP is a High performance concrete polycarboxylic based super plasticizer admixture. CON Plast SP super plasticizers in that it is based on a unique carboxylic ether polymer with long lateral chains.

Advantages

- Increased early and ultimate compressive strengths Increased flexural strength
- Resistance to carbonation and chloride ion attack of concrete.
- Cohesion of mix is improved.
- Shrinkage cracking is reduced

Area of Application

- Self compacting concrete
- Precast & Pre-stressed concrete
- To produce pumpable concrete
- High performance concrete for durability

Coverage

Dosage range of 500 ml to 1000ml per 100kg Cement

Packaging

Supplied in 5, 10 & 20ltrs.

Shelf Life

Refer TDS

CON RHEOPLAST NSP

Naphthalene Sulphonate Based super plasticizer Admixture

Description

CON Rheoplast NSP is naphthalene sulfonate based, high water reduction, super plasticizing (improves concrete flow properties) concrete admixture which improves early and ultimate strength of concrete and provides rheoplastic features of the concrete.

Advantages

- Reduces amount of water at least by 12% compared to admixture-free concrete
- Increased early and ultimate compressive strengths Increased flexural strength
- Minimizes the negative effects of temperature on concrete workability.

Area of Application

- Production of Rheodynamic concretes easily laid in reinforcement structures
- Precast & Pre-stressed concrete
- High performance concrete for durability

Coverage

Dosage range of 1ltr to 2ltr per 100kg cement

Packaging

Supplied in 5, 10 & 20ltrs.

Shelf Life

Refer TDS



PRIMERS

TOP PRIME ER 40

Fast-drying, High performance epoxy primer

Description

TOP PRIME ER 40 is a two component solvent free primer based upon epoxy resins for use with appropriate resin overlays and coatings to improve their adhesion to existing concrete substrate.

Advantages

- Creates tenacious bond - Very good mechanical properties
- Water resistant – suitable for use on damp substrates
- Multipurpose - Excellent adhesion to many substrates

Area of Application

Typical substrates it is normally used are

- Concrete
- Cementitious systems
- Timber
- Granolithic screeds
- Masonry paving
- Mild steel

Coverage

Refer TDS

Packaging

Supplied in 60 kg (Base & Hardener).

Shelf Life

Refer TDS



TOP FIX EP

High Strength Epoxy Bedding and repair mortar

Description

TOP Fix EP is a thixotropic, solvent free Epoxy bedding mortar ideal for bonding a wide range of building materials to one another e.g. concrete, brick, metal, Stone and wood

Advantages

- High Strength
- Excellent adhesion to most building materials
- Bonds to damp substrates
- Resistant to water, weathering and a wide range of chemicals

Area of Application

- Repairing surface defects in concrete in horizontal, vertical and overhead applications
- Bonding of dowels, bolts and anchors into concrete and Bridge beams.

Coverage

Refer TDS

Packaging

Supplied in 6 kg (Base & Hardener).

Shelf Life

Refer TDS

PROTECTION SYSTEM

TOP PROTECT DW

Solvent free protective epoxy resin coating for potable water

Description

TOP PROTECT DW is a solvent free epoxy resin system, comprising a pigmented base and a hardener, specifically formulated to protect concrete and steel. It is easily applied water dispersible epoxy coating which is odour free, non-flammable and non-toxic when dry. Can be safely used in areas where contact with foodstuffs is envisaged or for Coating potable water storage tanks.

Advantages

- Suitability to potable water and food stuff storage
- Solvent free – No fire hazard , Non-toxic, Low odour,
- Easily applied by brush, roller or airless spraying equipment
- High abrasion and chemical resistance

Area of Application

- Suitable for application to reservoirs, tanks, silos, water treatment works, breweries, dairies, meat and food processing plants.

Coverage

0.3- 0.6kg/m²/coat, two coats are recommended

Packaging

Supplied in 5 kg.

Shelf Life

Refer TDS

TOP TC

Two component aliphatic polyurethane UV protective coating

Description

TOP TC is a two component, pigmented, aliphatic polyurethane coating possessing good resistance to long term exposure of UV rays and chemical attack.

Advantages

- Non-yellowing: Will not yellow on exposure to UV rays.
- Chemical resistant: Excellent resistance to most industrial chemicals
- High resistance to wear and abrasion
- Resistance to standing water

Coverage

0.15 - 0.2 kg/m²/coat

Packaging

Supplied in 10 kg (Base& Hardener)

Shelf Life

Refer TDS



WATERPROOFING MEMBRANE

TOP PRUFE PLUS 1200

HDPE Sheet for Basement Structure Waterproofing

Description

TOP PRUFE PLUS 1200 is a multilayer compound waterproof membrane composed of strong high density Polyethylene (HDPE) sheet, premium quality pressure sensitive adhesives, and silicon-oiled released film, The specially developed adhesive layer can keep continuous bond to post-poured concrete for basement Structure waterproofing.

Advantages

- Excellent tensile strength, tear strength and elongation performance
- Continuous bond to post-poured concrete
- Excellent anti impact and anti-puncture performance, not need additional protection layer, reinforced
- Concrete poured directly
- Excellent chemical resistance
- Cold-application with pressure sensitive adhesives, eco-friendly, and not need cement mortar Protective layer, save time & cost

Packaging

Refer TDS.

Shelf Life

Refer TDS



TOP PVC

Geomembrane for tunnels and basement work

Description

TOP PVC Non-reinforced geomembrane, opaque, made of flexible polyvinyl chloride (PVC-P), with thin yellow signal layer (PVC-P), and designed for tunnels and basement works.

Advantages

- Very high level of water tightness, even with permanent deformation.
- High capacity for adaptation to irregularities or deformation of support due to its high deformability and welding strength.
- High resistance to puncturing.
- Root resistance in accordance with EN14416.
- Not resistant to bitumen, oil and tar

Packaging

Refer TDS.

Shelf Life

Refer TDS



OUR ESTEEMED CLIENTS (REFERENCE LIST)

PRIVATE COMPANIES

TVS
Prince Foundation
PSK Construction
Dans Group
Lullu Mall
Tata Steel Limited
URC Construction Ltd
Kalpatharu Ltd
Syga Energy
Eversendai Construction Ltd
Sanmar Group
EA Mall Chennai
Raymond Showroom
AV Ramamoorthy & Co
RWD Construction
NAPC
Selvi Ganesh Resort
Infosys
Ramco Cements

GOVT ORGANIZATIONS

PRPD Kalpakkam
BHAVINI
KKNP

And Many More....



CONFIX INDIA

Construction Chemicals

REGISTERD OFFICE:

CONFIX INDIA
#228, Nageshwara Road, 1, Vanagaram Main Road, Athipet, Chennai - 600 058

 **73387 22880**

 **info@confixindia.com**

 **www.confixindia.com**