



**TECHNY
CHEMY**

New Era
Construction Chemicals



An ISO 9001 : 2008 Certified Company

Product Scanner



Techny...

Was created with a vision "Novelty and adaptability" in the field of construction chemicals.

To this end Techny has been working relentlessly to de-mystify Construction Chemicals and creating products that is user friendly, versatile and consistent in performance.

Promoted by a team of technocrats and assisted by a team of eminent Polymer Chemists Techny has in its fold a wide range of Construction chemicals for building protection, preservation, repair/ rehabilitation and other support products all of which are building friendly.

Admixtures



TEC MIX 150

High performance water reducing admixture for producing quality concrete at reduced water-cement ratio. Produces dense concrete with improved workability.

Dosage: 250gms/50kg cement.

TEC MIX 550

High performance Super plasticizer with enhanced water reduction properties. Ideal as an admixture for high volume concreting for floors, walls or foundations. Improves workability and reduces permeability without altering cement content. Suitable for all type of roof designs. Ideal for areas with congested reinforcement. Conforming to IS 9103-1999.

Dosage: 250gms/50kg cement.



TEC MIX 190

Specially designed Super plasticizer for block making. Eliminates cracks and corner breakages in blocks. Improves early and final strengths. Conforming to IS 9103-1999.

Dosage: 250gms/50kg cement.

Tec Mix 240

Specially formulated retarder cum super plasticizer for ready mix plants to produce concrete with pumpable consistency

Coverage: 150-600gms/50kg Cement



Admixtures



TEC MIX 460

Superior accelerating admixture for all types of concrete. Ideal for cold weather concreting. Allows brisk hardening of concrete without altering other properties.

Dosage: 0.8% to 1.5 % by weight of cement.

TEC MIX 370

Mortar Plasticizer for improved workability in mortars. Significantly reduces shrinkage cracks. Improves adhesion thereby reducing rebound loss.

Dosage: 250gms /50kg cement.



TEC MIX 100

General purpose integral Water proofer-Liquid for all kinds of concrete and mortars. Incorporates all round improvement in concrete/ mortar quality. Improves workability and reduces permeability.

Dosage: 250 gms/50kg cement.

TEC MIX 100 (Powder)

General purpose integral Water proofer-Powder for all kinds of concrete and mortars. Blends well with concrete and masonry mixes to produce dense, high quality concrete/ mortars.

Dosage: 1Kg/50kg cement.



TEC POROSEAL 300

High performance Polymer Cement Modifier. Produces low porosity, extremely cohesive concrete mixes. Ideal for basements, water retaining structures and areas in constant contact with water.

Dosage: 500gms/50kg cement.



TEC MIX 600

Sulphonated Melamine based super plasticizer for pre-cast and pre-stressed concrete. Produces dense non-porous concrete. Results in high early strength. Being transparent in nature, does not alter the natural texture of concrete.

Dosage: 0.3 % to 1.2% by weight of cement.

TEC MIX HI

Sulphonated Melamine based super plasticizer specifically designed for the Paver Industry. High early strength allows for early transportation. Being transparent in nature, does not alter the shade or texture of pavers.

Dosage: 0.3 % to 1.2% by weight of cement.



TEC MIX 640

High Performance admixture with enhanced water reduction capacities and ideal for pre-cast concrete applications. It can be used for production of high strength concrete with reduced permeability by reducing the water content and is used in all types of pavers and concrete tile making to improve strengths and production efficiency.

Coverage : 200-250gms/50kg

Water Proofing Systems



TEC WAVE 2000

Handy and easy to apply waterproofing membrane coating system for a variety of applications. Forms into a flexible, abrasion resistant waterproofing membrane. Ideal for basements, sunken portions, water tanks and roofs.

Coverage: 20m² / 24kg pack / coat

TEC WAVE 3000

Single component High flexibility membrane Coating system. Ideally suited for external applications like terrace, roofs and sunshades. Forms into a tough, flexible, weatherproof and waterproof barrier.



Coverage : 1 - 1.5 kgs/m² for 1 Primer and Two top coats.



Water Proofing Systems

TEC WAVE 7000

A unique chemical formulation for waterproofing and protection of concrete that penetrates concrete pores and forms insoluble crystals blocking off water entry. Ideal for negative side waterproofing in basements, swimming pools and for waterproofing, reservoirs, over head tanks and toilet slabs.

Coverage: 1 m²/kg/coat.



TEC WAVE FG

Solvent free Food grade Epoxy coating system for water tanks. Ideal for potable water usage tanks.

Coverage: 4-5 m²/kg of Mix/Coat.

TEC WAVE DP

Water Miscible Epoxy coating for damp proofing. Ideal for interior damp proofing. Useful as a protective coating for water storage tanks. Can be used as wall coating for hospitals, pharmaceutical plants and food processing areas.

Coverage: 7-9 m²/kg of Mix/Coat.



TEC STOP S

Pre mixed and single component instant plugging compound. Useful for plugging leaks in water tanks, sumps, basements and other concrete structures. It has excellent compatibility with concrete and masonry structures.

Grouting Systems



TEC GROUT NS

Normal strength, ready mix flowable grout for industrial applications. Only requires addition of water. Useful for grouting of foundation bolts and base plates of industrial machines.

Yield: 26-28lts on addition of 7-8lts of clean water to 50 kgs of grout.

TEC GROUT HS

High strength, ready mix flowable grout for industrial applications. Only requires addition of water. Useful for grouting of foundation bolts and base plates of industrial machines.

Yield: 26-28lts on addition of 7-8lts of clean water to 50 kgs of grout.



TEC GROUT PGA

Rapid setting, high strength, polyester resin grout. Useful for rapid anchoring of bolts and re-bars.

Coverage: Refer application data sheet.



TEC GROUT LVP

Low to very low viscous epoxy grout for high strength grouting, sheathing / jacketing applications, strengthening of concrete members by injection grouting. Available in pourable and pumpable consistency.

Coverage: Refer application data sheet.

TEC GROUT EP

Rapid setting, high ultimate strength epoxy resin grout for bolt anchoring, re-bar anchoring and pot hole patching in industrial floors. Hardens in 45 minutes. Suited for critical applications requiring very high ultimate strengths.

Yield: Refer Application Data Sheet.



TEC SWELL

Expansive grouting admixture for slurry and mortars. Useful as a grouting admixture for pressure grouting slurry. Ideal admixture with cement for filling large cracks.

Dosage: Pressure Grouting: 225gms / 50 kg cement.

Crack filling : 450gms / 50 kg cement.

Corrosion Prevention



TEC BEAT EP

Epoxy based corrosion protective coating system for Steel and Concrete surfaces. Can be applied over structural steel and exposed concrete surfaces.

Coverage: 4 m²/kg of Mix/Coat.

TEC BEAT ET

Coal tar based epoxy coating system for concrete protection in aggressively corrosive conditions. Ideal for coastal area applications

Coverage: 4 m²/kg of Mix/Coat.



TEC BEAT RB

Acrylic Polymer based reinforcement coating system for new re-bars. Ideal protection system for new reinforcement in normal and corrosive environments.

Coverage: 12-15 kg/Metric Ton.

TEC BEAT ZR

Epoxy- Zinc Rich coating system for exposed reinforcement in concrete repairs. Can also be used for protection of re-bars in highly corrosive environments. Highly recommended for use on re-bars in RCC in coastal conditions.

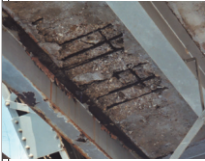
Coverage: 4m²/ kg of Mix/Coat.



TEC BOND EPO

Epoxy Bonding agent for structural bonding. High bond strength epoxy based that creates a monolithic bond between Old and new concrete.

Coverage: 2.5-3m²/kg (Heavily dependent on substrate stature)



TEC BOND PL

Acrylic Polymer based bonding agent and admixture for repairs and rehabilitation. Appropriate Polymer cement modifier for thin set plastering jobs.

Coverage: 6 - 8 m²/kg

TEC BOND SBR

A versatile bonding agent for repairs to concrete/masonry surfaces. Exploits the bonding and flexural properties of Styrene Butadiene Rubber. Ideal bonding agent and admixture for repairs and rehabilitation of concrete/ masonry surfaces.

Coverage: 6 - 8 m²/kg



TEC KRACKFILLER

Specially designed crackfilling compound for filling of minor-non-moving cracks. Economical, Durable and optimum expansive performance.

Coverage : 30-40 RM/kg for 5-6mm Cracks.

Repair Products



TEC GROUT MC

High strength, Flowable Microconcrete for concrete structural repairs. Fits well into the parent concrete structure. Ideal for tough concrete repair jobs.

Yield: 26-28 lts on addition of 7-8 lts of clean water to 50 kgs of Micro-concrete.

TEC MORTAR PE

Rapid setting, high strength Polyester resin repair mortar. Ideal for rapid repair jobs in concrete structures, emergency floor repair jobs. Attains very high strength in short span of time.

Yield : 0.0005 m³ / 1kg (on addition of recommended aggregates yield may increase by 15 to 20%)



TEC MORTAR X

Fiber reinforced, ready to use repair mortar for spalled concrete and general masonry repairs. Only requires addition of water. Enriched with moisture retention properties. Requires minimal external curing.

Coverage: 3kgs/m² for 6mm thickness.



Epoxy Floorings

TEC NOVA PRIMER EP

Multi usage Epoxy Primer for Concrete and Masonry. Primer for Epoxy floor coatings, Epoxy Self Level floorings and Epoxy Screed floorings.

Coverage: 7-8 m² /kg of Mix/Coat.



TEC NOVA FC

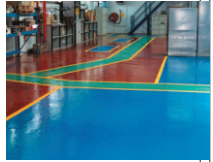
General purpose pigmented epoxy floor coating system for floors with very moderate usage.

Coverage: 7-8 m² /kg of Mix/Coat.

TEC NOVA FC 300

Epoxy floor coating system with extra build thickness. Ideal for floors with heavy traffic rate.

Coverage: 5-6 m² /kg of Mix/Coat.



TEC NOVA SF

Seamless epoxy screed flooring for Industrial Applications. Versatile floor topping for Industries. Resistant to a wide range of chemicals, highly impact resistant and abrasion resistant.

Coverage: 2-2.2 kgs of Mix/m² / mm thickness.

TEC NOVA SL

Seamless epoxy self level flooring for Industrial Applications. Versatile floor topping for Industries. Resistant to a wide range of chemicals, highly impact resistant and abrasion resistant.



	Thickness	Packing	Coverage
Tec Nova SL	500 micron thickness	6Kg	10 -15 m ² /Pack
Tec Nova SL	1mm thickness	17Kg	7-10 m ² /Pack
Tec Nova SL	2mm thickness	17Kg	3-5 m ² /Pack

Protective and Decorative Coatings

TEC PLAST 24

Pre mixed plastering mortar can be used for both interior and exterior walls and for laying of bricks and stone blocks.

Coverage: 0.4 sft /kg (9 mm thick)



TEC BRITE V

Single component high flexible coating ideally suited for external coating to prevent dampness on walls.

Coverage: 4-4.5m² /per coat/kg

TEC BRITE UT

single component, clear protective coating for paver blocks and concrete tiles. Forms a lamination which enhances the beauty of the tiles.

Coverage : 7 - 8 m² / 1kg



Sealants

TEC POLYSEAL G

Polysulphide sealant for expansion joints in floors and walls. Outstanding ability to accommodate movements in expansion joints both horizontal and vertical. Bonds well to concrete and masonry. Available in Gun and pour consistency.

Coverage: Refer application Data Sheet.



TEC POLYSEAL PU

Single component polyurethane sealant ideally suited for expansion joints and for filling thermal cracks.

Coverage: L x W x D = Volume of material required 1000

TEC BRITE QA

Single component anti carbonisation coating to be applied over concrete surfaces. Highly water repellent

Coverage : 5-6 m² / 1kg



TEC BRITE U

Single component, clear protective coating for decorative tiles, natural and artificial stones. Forms into a lamination type protective coating that remains unaffected in extreme weather conditions.

Coverage: 5-6 m² /kg for / coat.

TEC WALLSHINER

Pre mixed white wall putty. Ideal for Interior and exterior applications. Reduces paint conception.

Coverage : 2 m² / 1kg / coat.

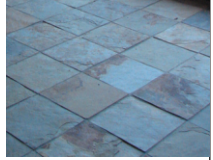


Tiling Aids

TEC BOND 25

General Purpose Tile Adhesive for all normal tile fixing jobs. Ideal for fixing tiles over marbles, mosaics and in bathrooms, toilets and water bodies with moderate hydrostatic pressure.

Coverage: 2-3 kg/ m² for 3 mm bed.



TEC BOND 34

For fixing of ceramic tiles over marbles, mosaics and in bathrooms, toilets and water bodies with high hydrostatic pressure. High bond strengths makes it the ideal choice for below grade structures, areas of high hydrostatic pressure, swimming pools and facades of multi- storied structures.

Coverage: 2-3 kg/ m² for 3 mm bed.

TEC BOND 52

Tile adhesive- white. For fixing of marbles, glass tiles and decorative tiles in swimming pools, water bodies and bathrooms.

Coverage: 2-3 kg/ m² for 3 mm bed.

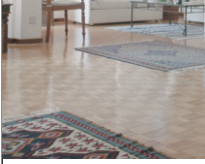


TEC TILE 12

General Purpose Tile Joint grout Shrinkage-free, easy to clean, reduced water absorption, bonds well to the substrate and available in pleasing shades to match or contrast tile colors.

Coverage: Refer application Data Sheet.

Tiling Aids



TEC TILE 21

Epoxy Tile joint grout for long lasting applications, Shrinkage-free, tough, durable, easy to clean, resistant to a wide range of chemicals, water-resistant and available in pleasing shades. Ideal for tile joint filling in Pharmaceutical plants, food processing industry, wash areas in industries, hospitals, bathrooms and toilets.

Coverage: Refer application Data Sheet.

TEC TILE 12 LQ

Tile Grout Additive.

Improves workability, enhances mechanical properties reduces water absorption in general purpose tile joint grouts.

Coverage: Add two parts water one part Tec Tile 12 LQ and blend well before adding required quantity of Tec Tile 12.

Note : Not for use with Tec Tile 21



TEC SHINE Q

Multipurpose cleaning liquid to remove stains, dirt, fungus and other particles.



Surface Applied Treatments

TEC CURE WB

Concrete Curing compound- wax based. Efficiently retains moisture in concrete/ masonry to ensure optimum curing.

Coverage: 4-5 m² / kg.



TEC RELEASE MA

Mould release compound on Mineral oil. Ensures easy removal of formwork without damage to concrete.

Coverage: 4-6 m² / kg.

TEC RELEASE WB

Concentrated mould release agent supplied as emulsion. Economical, suited for all kind of shuttering materials. Dilutable up to 5 times with water.

Coverage: 8-10 m² / kg.



TEC CURE RB

concrete curing compound – resin based. Retains moisture in concrete/ masonry to ensure optimum curing.

Coverage: 3.5 - 4.5 Sqm / Lt.



Thermal Insulation

TEC CHILL

Heat resistant coating which can be applied over roof tops and asbestos sheets. It practically prevents heat from penetrating the surface.

Coverage: 60 sft / kg / Coat



TEC CHILL TILES

Heat insulation tiles to be laid as an alternative to weather course tile, practically removing surki concrete and reducing the weight loaded over the roof area

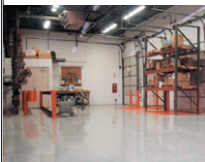
Coverage: 1.8/sft or 0.56/tile for 2mm spacer

Industrial Floor Hardener

TEC FLOOR RX

Rapid floor patching mortar ideally suited for industrial floors and places wear resistance is required. It can be used for all type of concrete patch work applications.

Coverage: 10 mm 19 sqm 12mm



TEC FLOOR Z

Non-metallic, highly abrasion resistant dry shake surface hardener for Industrial Floors. Vastly improves the abrasion resistance of floor toppings, easy to apply, reduces oil/grease absorption.

Spread Rate:

2.5 kgs/ m² for Light Duty Conditions.

3.5 kgs/ m² for Medium Duty Conditions.

5 kgs/ m² for Heavy Duty Conditions.

* Detailed brochures and Technical / Application Data Sheets are available on request.

Manufactured by



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