



TECHNY CHEMY

TEC[®] MIX 100 Integral Water proofer- Liquid

KEY BENEFITS AND FEATURES

- Easily disperses in concrete and masonry mixes to create a highly workable and cohesive mix.
- Cured mortar reflects higher flexibility resulting in the surface showing higher durability and longer life.
- Increased Compressive and tensile strengths when compared to conventional mix.
- Gentle on reinforcements does not cause corrosion of reinforcements.
- Significant reduction in segregation and bleeding.
- Being a liquid dispersion system envelops each particle to produce a cohesive and consistent mix.
- Free from chlorides.
- An extremely versatile Integral waterproofer for variety of uses.
- Greatly improves durability of conventional structures.
- Conforms to IS 2645-2003.

USAGE

- Suited for waterproofing internal and external cement rendering.
- Ideal admixture for producing cohesive screeds for flooring and other applications.
- When admixed with brickwork and blockwork mortars, vastly improves the quality of the mortars.
- Can be used with plastering and masonry mortars to improve workability and performance.
- Ideal for usage in basement floors, water tanks and sumps.
- Can be used in construction of tunnels, canals and swimming pools.

DIRECTIONS FOR USE

The generally recommended dosage for Te[®]C Mix 100 is 250gms per 50Kg bag of cement. The required quantity of Te[®]C Mix 100 should be added to the gauging water and stirred to obtain uniform consistency before being added to the concrete or masonry mix.

Excess water should be avoided. Cement sand mixes should be thoroughly dry mixed before adding the gauging water mixed with Te[®]C Mix 100.

Over dosing will result in retardation although the final strength will remain un-altered.

Cleaning :

Tools and equipments can be cleaned with water.

Precautions :

Direct contact with skin or eyes should be avoided. Use of gloves, goggles and other protective gear is mandatory. In case of accidental eye contact thorough water washing is advised. This should be followed up with professional medical assistance. Te[®]C Mix 100- is non-flammable.



Certified:
ISO 9001 (QMS) & ISO
14001 (EMS)



Technical Data

Physical State	Brownish yellow Medium Viscous Liquid
Specific Gravity	1.20± 0.02 @ 30°C
pH Value	7-9
Chloride Content	Conforming to IS 2645-2003
Setting Time	Conforming to IS 2645-2003
Permeability	Conforming to IS 2645-2003
Compatibility	Compatible with all types of cements.
Dosage	250Gms/ 50Kg bag of cement
Storage	Store in cool, dry location
Shelf Life	Maximum of 1 year from date of manufacture in unopened package

PACKAGING

Available in: 1, 6, 10, 50, 100, 250 Kgs

OTHER PRODUCTS

Techny manufactures lot more range of other products for construction and repair applications. They include admixtures for concrete, mortars, block making etc, waterproof and damp proof coating systems, Repair and rehabilitations products, Grouts and Anchors, Protective, Decorative and Corrosion prevention coatings, Epoxy Flooring systems, Industrial flooring systems and Tiling aids. For more details refer Separate Product brochures.

Every reasonable precaution is taken in the manufacture of the Techny products to ensure that they comply with high standards of quality. The recommendations and properties of the products are based upon what is believed to be the most reliable information available and are not intended as recommendations which infringe other patents. Although all Techny products are subject to rigid quality tests, no specific guarantee can be given, because results depend not only on quality but also on other factors beyond our control. We therefore welcome consultation in the event of doubt about application performance etc but do not accept any liability either directly or indirectly arising from the use of the products whether used as per its specifications or advice or otherwise. All transactions shall be subject to our terms of sale, delivery and payment. The leaflet supercedes the previous one and any new issue may take place without notice to supercede this edition as and when it becomes necessary.

TECHNICAL DATA SHEET
REVISED – 01 July 2013

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