



TECHNY CHEMY

TEC[®] MIX 600 Colorless Superplasticizer for Pre-Cast Concrete

KEY BENEFITS AND FEATURES

- Enhanced water reduction properties resulting in improved workability and greatly reduced porosity of concrete.
- Superior dispersion of cement particles results in production of a cohesive concrete mix.
- Significantly reduces segregation and bleeding of concrete mix.
- Helps produce concrete of high early strength and also increases the ultimate compressive Strength
- Does not affect reinforcements.
- An extremely useful admixtures for pre-cast concrete, pavers and concrete tiles.
- Being a colorless admixture, does not alter the texture of concrete.
- Significantly reduces breakage loss in manufacture of pavers and concrete tiles.
- Improves dimensional stability in pre-cast concrete, pavers and concrete tiles.
- Improves production efficiency by reducing the production cycle/forms.
- High early strength permit early removal from moulds/ forms.
- Does not contain chlorides safe for use in pre-stressed concrete.

USAGE

- Ideal as an admixtures for pre-cast concrete applications.
- Ideal for production of high strength concrete with reduced permeability by reducing the water content
- Improved workability makes Tec[®] Mix 600 Suited for concreting in areas with congested reinforcement.
- Can be ideally used for any kind of concrete placement in moulds like in manufactures of door frames, window frames, jollies, etc.,
- Can be ideal used in all types of pavers and concrete tile making to improve strengths and production efficiency

DIRECTIONS FOR USE

The generally recommended dosage for Tec[®] Mix 600 is 0.3-1% by weight of cement. Dosage may be raised upto 2% by weight of cement for exceptional high strength requirements. Tec[®] Mix 600 should be thoroughly stirred before use. The required quantity of Tec[®] Mix 600 should be added to the gauging water and stirred to obtain uniform consistency before being added to the concrete mix. For all applications it is advised that site trials be conducted and based on the output required, the optimum dosage may be arrived at. Techny Tech Team will work you to arrive at the optimum mix design.

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 through water washing is advised. This should be followed up with professional medical assistances. Tec[®] Mix 600 is non-flammable.
Cleaning



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



Technical Data

Physical State	Clear Liquid
Base	Sulphonated Melamine Formaldehyde
Specific Gravity	1.10± 0.02 @ 30°C
pH Value	7
Chloride Content	Nil as per IS 456
Compatibility	Compatible with all types of cements with the exception of Alumina Cements
Compliance	ASTM C494-99 Type F and BS5075 Part I, IS 9103-1999
Dosage	150 - 600g / 50 kg bag of cement
Storage	Store in cool, dry location
Shelf Life	Maximum of 1 year from date of manufacture in unopened Package

Packaging

Available: 1, 12, 60, 120, 250kgs

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
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CORPORATE OFFICE:

No.24, Patel Street, Ayyappa Nagar, Tiruchirapalli-620 021, Tamil Nadu, India
Phone : 0431 2458519 Fax No : 0431 2458590 Email : info@technychemistry.co.in
Web : www.technychemistry.co.in