



TECHNY CHEMY

TEC[®] MIX 640

High range superplasticising admixture for concrete



KEY BENEFITS AND FEATURES

- High early and ultimate strength concrete
- High performance concrete for durability
- High workability without segregation or bleeding
- Increase in early & ultimate strengths
- Improved adhesion to reinforcing and stressing steel
- Improved and better resistance to carbonation and other aggressive atmospheric conditions
- Lower permeability - increased durability
- Reduced shrinkage and creep
- Elimination of vibration and reduced labour cost in placing

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
- 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 640 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 640 should be thoroughly stirred before use. The required quantity of Tec[®] Mix 640 should be added to the gauging water and stirred to obtain uniform consistency before being added to the concrete mix.

The addition of Tec[®] Mix 640 to dry aggregate or cement is not recommended. Thorough mixing is essential and a minimum mixing cycle, after the addition of the Tec[®] Mix 640, for forced action mixers is recommended.

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.

Technical Data

Physical State	Light brown liquid
Viscosity	Medium
Base	Polycarboxylic ethers
Relative Density	1.08 ± 0.01 at 25° C
pH Value	7-9
Compatibility	Compatibility Compatible with all types of cements with the Exception of High Alumina Cements
Standards	ASTM C494 Types F and IS 9103: 1999
Chloride Content	< 0.1 %
Solid contends	35 %
Dosage	200 - 250g / 50 kg bag of Cement



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



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. Tec Mix 640 is non-flammable.

Storage and Shelf life: Tec Mix 640 must be stored where temperatures do not drop below +8°C. Store under cover, out of direct sunlight and protect from extremes of temperature. Shelf life is 12 months when stored as above. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

Packaging

Available in: 60, 120, 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
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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