



**TECHNY  
CHEMY**

**TEC<sup>®</sup> MIX 370**  
Mortar Plasticizer



#### KEY BENEFITS AND FEATURES

- Greatly improves the efficiency of the water content in cement mortar mix.
- Superior dispersion of cement particles resulting maximizing the strength obtained from cement used.
- Helps in improving workability and plasticity in plastering and masonry mortars.
- Air entrainment increases the of mortars to attack by frost and de-icing salts, reducing problems of surface scaling.
- Entrained air bubbles assist in the formation of a stable cohesive mix.
- Improved workability and reduced permeability results in production of highly durable mortar mixes.
- Reduces instances of efflorescence in mortars.
- Helps in production of near uniform textured mortar mixes.
- Significantly reduces plastic shrinkage cracks.
- Free of chlorides.

#### USAGE

- Ideal for production of masonry and plastering mortars of improved durability.
- Produces extremely workable plastering mortars significantly improving the finishes.
- Can be used to produce efficient plastering and masonry mortars with notably reduced permeability.
- The cohesive mix produced reduces rebound lose in mortars.
- Helps in producing mortar mixes with reduced shrinkage cracks.
- Excellent workability can be achieved by reducing the water content also resulting in reduced segregation and bleeding.

#### DIRECTIONS FOR USE

The generally recommended dosage for Tec<sup>®</sup> Mix 370 is 150-250ml per 50kg bag of cement. Tec<sup>®</sup> Mix 370 should be thoroughly stirred before use. The required quantity of Tec<sup>®</sup> Mix 370 should be added to the gauging water and stirred to obtain uniform consistency before being added to the dry cement, sand mortar mix. 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. Tec<sup>®</sup> Mix 370 is non-flammable.



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



## Technical Data

Physical State	Brown Liquid
Specific Gravity	1.01@ 30°C
PH Value	7-9
Chloride Content	Nil
Compliance	Conforms to BS 4887-1973
Compatibility with cement	Compatible with all types of cements with the exception of High Alumina Cements. Also compatible with mineral admixtures like flyash, slag and fumed silica
Compatibility with other admixtures	Consult Techny Tech Team
Dosage	200-250g / 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, 12, 60, 120, 250 kg

## 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

## CORPORATE OFFICE:

No.24, Patel Street, Ayyappa Nagar, Tiruchirapalli-620 021, Tamil Nadu, India  
Phone : 0431 2458519 Fax No : 0431 2458590 Email : [info@technychemy.co.in](mailto:info@technychemy.co.in)  
Web : [www.technychemy.co.in](http://www.technychemy.co.in)