



# TECHNY CHEM

## TEC<sup>®</sup> MIX 460 Accelerator



### KEY BENEFITS AND FEATURES

- Easily disperses in concrete and masonry mixes and accelerates the setting time.
- Typically suited for cold weather concreting.
- Compatible with all types of Portland cements.
- Does not contain chlorides, safe for use in pre-stressed and reinforced concrete.
- Significantly increases early strength and ultimate strength.
- Plasticizing effect improves workability in concrete and mortars.
- Significantly reduces segregation and bleeding.
- 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.
- Being a liquid dispersion system envelops each particle to produce a cohesive and consistent mix.

### USAGE

- Ideal for use in pre-cast concrete and reinforced cement concrete.
- Ideal admixture for producing cohesive screeds for flooring and other applications.
- When admixed with brickwork and block-work mortars, vastly improves the quality of the mortars.
- Extremely useful admixture for underwater concreting.
- Can be used effectively in concrete repair jobs.
- Ideal for use in cold weather concrete and mortar applications.

### DIRECTIONS FOR USE

The contents in the pack should be stirred well before use. The generally recommended dosage of Tec Mix 460 is 0.8% to 1.5% by weight of cement. The required quantity of Tec Mix 460 should be added to the gauging water and stirred to obtain uniform consistency before being added to the concrete or masonry mixes. Excess water should be avoided. Cement sand mixes should be thoroughly dry mixed before adding the gauging water mixed with Tec Mix 460. Curing should commence at initial set for optimum results. Curing membrane- Tec Cure WB or conventional curing methods like water spraying or wet Hessian may be adapted.

Optimum mix dosage for specific site conditions may be arrived at based on site/ laboratory tests and in consultation with Techny Tech Team.

### COMPATIBILITY

Compatible with all types of Portland Cements. Should not be used with High Alumina Cement or other Rapid Setting Cements.

### 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 460 is non-flammable.



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



## Technical Data

Physical State	Light Straw Colored Liquid
Specific Gravity	1.20± 0.02 @ 30°C
Chloride Content	Nil
Dosage	400 - 1000g / 50 kg bag of cement
Shelf Life	Maximum of 1 year from date of manufacture in unopened package

## Packaging

Available in: 5, 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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