



TECHNY CHEMY

TEC[®] MIX 240 Retarder Superplasticizer

KEY BENEFITS AND FEATURES

- Specially formulated retarder cum super plasticizer for Ready mix plants.
- Tec[®] Mix 240 disperses the fine particles in concrete mixes enabling efficient usage of the water content in concrete.
- Delays initial hydration of cement resulting in delayed setting without adversely altering the strength gain.
- Reduction in water cement ratio improves early and ultimate strengths quiet significantly.
- Produces flowing concrete in pumpable consistency.
- Vastly improves workability of concrete in addition to retaining workability for extended working time.
- Improved Durability resulting from production of low permeability concrete.
- Reduces heat generation due to hydration even when used with high strength cements.
- Controlled retardation increases working life of concrete to ease construction and prevents formation of cold joints in large volume concreting.
- Free of chlorides, can be used in pre-stressed and reinforced cement concrete.

USAGE

- Ideally suited for high volume concreting projects.
- Suited for Ready Mix Concrete plants where concrete is to be transported.
- Slump retention property makes it ideal admixture for continuous concreting without formation of concrete cold joints.
- Ideal for production of high strength concrete of improved durability.
- Excellent compaction can be achieved in areas with congested reinforcement.
- Results in production of neatly finished concrete on removal of forms.

DIRECTIONS FOR USE

The generally recommended dosage for Tec[®] Mix 240 is 0.3% to 1% by weight of cement. It is advised that site trials be conducted to optimize the dosage. Dosages outside the above range may be used in specific cases after site trials. Techny Tech Team will be able to guide you for such trials. Tec[®] Mix 240 should be thoroughly stirred before use. The required quantity of Tec[®] Mix 240 should be added to the gauging water and stirred to obtain uniform consistency before being added to the concrete mix.

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 240 is non-flammable.



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



Technical Data

Physical State	Brown Medium Viscous Liquid
Base	Sulphonated Naphthalene Polymers
Specific Gravity	1.20± 0.02 @ 30°C
pH Value	7-9
Chloride Content	Nil as per IS 456
Compliance	Conforms to ASTM C494-98 Type G and Bs5075
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	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 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@technychemy.co.in
Web : www.technychemy.co.in