



TECHNY CHEMY

TEC[®] MIX 150 High Performance Water Reducing Admixture



KEY BENEFITS AND FEATURES

- Greatly improves the efficiency of the water content in a concrete mix.
- Superior dispersion of cement particles resulting maximizing the strength obtained from cement used.
- Increase early and ultimate strengths without increase in cement concrete.
- Helps in producing dense and improvement in concrete.
- Significant improvement in concrete durability achieved by water reduction alone.
- Visibly reduces bleeding and segregation.
- Free of Chlorides, can be used in pre-stressed and reinforced cement concrete.

USAGE

- Idea for production of concrete of improved durability.
- Can be used for any kind of concrete placement in areas with highly congested reinforcement.
- Can be ideally used in all types of concreting applications to improve early and ultimate strength without increasing the cement content.
- 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 Mix 150 is 200-250g per 50kg bag of cement. Tec Mix 150 should be thoroughly stirred before use. The required quantity of Tec Mix 150 should be added to the gauging water and stirred to obtain uniform consistency before being added to the concrete mix. For specific applications it is advised that site trials be conducted and based on the output required, the optimum dosage may be arrived at. If needed, Techny Tech Team will work with you to arrive at the optimum mix design. Over dosing will result in retardation although the final strength will remain unaltered.

CLEANING

Tools and equipments can be cleared 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 water washing is advised. This should be followed up with professional medical assistance. Tec Mix 150 is non-flammable.



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



Technical Data

Physical State	Brown Liquid
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 A, IS 9103:1979 & BS 5075 Part I
Compatibility	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: 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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