

# ADMYX HIBLEND

New Generation Super Plasticizer (Type E as per IS:9103)

Admixture

## ABOUT THE PRODUCT

Admyx HiBlend is a polycarboxylate etherbased super plasticizer that offers the following benefits:

- Enhances the workability of concrete by effectively dispersing with water, allowing for easier placement of concrete in congested reinforced areas and providing an excellent finished surface.
- Exhibits sensitivity to dosage, allowing for a wide range of dosages and the creation of various grades of concrete, with no impact on final setting time even at high doses.
- Compatible with OPC, PPC, Fly-Ash, GGBS & Micro Silica concrete mix.
- Provides high-range water reduction, allowing for the creation of low, medium, and high-strength concrete grades by reducing the amount of water in the concrete mix, resulting in less permeable and more durable concrete

## ADVANTAGES & APPLICATION

- Admyx HiBlend is compatible with all types of cement and cementitious materials.
- It is a versatile product that can be used to produce a wide range of concrete grades.
- Concrete made with Admyx HiBlend is less permeable and more durable.
- Admyx HiBlend allows for high-range water reduction, which enables the production of high-strength concrete. In addition, by reducing the water-cement ratio through water reduction, it is possible to create more economical concrete mixes with lower cement content.

## PRODUCT PROPERTIES

- Appearance : Light brown or yellow liquid
- Main Ingredient : Polycarboxylate
- Specific Gravity :  $1.10 \pm 0.02$
- pH value : 7-8
- Chloride Content : 0.2 (Max)

## DOSAGE

The recommended general requirement for HiBlend is 0.25 to 0.5 kgs per 50 kgs of cement. However, the optimal dosage can only be determined through trials and must be formulated based on the concrete's rheological requirements as determined by the end user.

## STANDARD

Conforms to IS: 9103-1999

## PACKING

250 Kgs. Drums

## SHELF LIFE

Under normal ambient temperatures and when stored in unopened containers, Admyx HiBlend has a shelf life of approximately 12 months.

## MATERIAL SAFETY DATA

Admyx HiBlend is a non-toxic and nonflammable material. While handling, it is advisable to avoid skin contact as much as possible. The product should be stored in a shaded area away from direct sunlight.

### Corporate Office

Room No. 8, 1st Floor, 23A Netaji Subhas Road, Kolkata, Pin. - 700001

### Factory Office

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