

TRI- MIX WP

Water reducer and water proofing

Description

Tri- Mix WP is a chloride free water reducer and water proofing admixture based on selected organic polymers. It supplied as a brown solution which instantly disperses in water.



Uses

- Producing low permeability concrete.
- Water proofing concrete.
- Increase workability without extra water.
- Improves cohesion and minimizing segregation.
- Improving surface finish.
- Reducing water - cement ratio
- Enhancing durability.
- Chloride free, safe for use in reinforced concrete.

Technical Data @°25c

| DISCRETIONS | VALUE |
|------------------|-------------------------|
| Appearance | brown liquid |
| Density | 1.125 to 1.150 at 25 °C |
| Chloride content | NIL |

Dosage

The optimum dosage should be determined by trials using the normal dosage range 0.4 to 0.8 liters/100 Kg of cementitious materials.

Use at other dosages

Tri- Mix WP can be used outside the typical dosage range mentioned above if necessary and suitable to meet particular mix requirements.

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Rate of use

Mix design for water proofing and workability retention:

To obtain the best results for workability retention, the initial workability should be suitable as pump mix,

Tri- Mix WP act to enhance the workability retention characteristics and improved cohesion.

After initial trials, minor modifications to the mix design may be made to optimize performance.

Tri- Mix WP can be used with all types of Portland cements, and cement replaced materials such as PFA and microsilica.

Tri- Mix WP can be used with other admixtures provided, it is not pre-blended prior to addition to concrete.

An overdose of **Tri- Mix WP** will result an increase in retardation as compared to the normally obtained.

The ultimate strength of the concrete will not be impaired provided that adequate curing is maintained.

Overdose is also likely to cause increased air entrainment which will tend to reduce strength. The degree of this effect will depend on the particular mix design and overdose level.

Storage

12 months in dry conditions at temperatures between +5 °C and +45 °C.

Package

available in 20 Lt, 200 Lt drums, and 1000 Lt bulk supply.

Precautions

Tri- Mix WP is non-toxic, non- corrosive and any splashes on the skin should be washed off with water, if contact with eyes occurs wash with water



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