

ENT 25

Transparent water reducing admixture

An innovative admixture for the precast concrete industry (Dry and Semi-dry concrete).

The admixture is based on a blend of polymers that reduces the amount of water needed in the concrete mix, increase the concrete compaction and improve its strengths.

This admixture is used in architectural concrete and colored concrete

Key benefits

1. Does not affect the element's color
2. High range water reducer
3. Shorten mixing time
4. Increased the compaction of the concrete
5. Workable concrete at a low water-cement ratio
6. Maintain consistency during delivery and for a longer workability time
7. Can be adjusted for both longer as well as shorter workability time
8. Increased initial as well as final compressive strengths
9. Improve vibration effectiveness while reducing the time required

Admixture properties

- Color: Dark Brown
- Density: 1.18 ± 0.03
- pH Value: 4.5 ± 1.0
- Chloride free

Dosage

Recommended dosage is 0.8% - 1.5% (% wt. of the cement). The dosage might vary per the specific mix (Please consult our technical department).

Application

To maximize the admixture effective, the admixture should be added after mixing all the other materials with 70% of the water, with the last 30% of the water.

Storage

Shelf life: 12 months

Recommended storage conditions: store the admixture in sealed dark tanks, located in a shaded area, out of direct exposure to the sun.