

ENT - 40

Admixture for dry and semi-dry concrete

An innovative admixture for the precast concrete industry, enabling the production of concrete with a very low water to cement ratio (dry and semi-dry concrete). The admixture is based on a blend of polymers that reduces the amount of water in the mixture and increases both the initial and final compressive strengths. This admixture is intended to use with low consistency (semi-dry concrete) and dry concrete products such as concrete pipes, paving stones, building blocks, etc.

Key benefits

1. Water reduction admixture
2. Shorten mixing time
3. Increased the specific weight of the concrete
4. Workable concrete at a low water-cement ratio
5. Maintain consistency during casting the concrete
6. Improve vibration effectiveness while reducing the time required

Admixture properties

- Color: Dark brown
- Density: 1.18 ± 0.03
- pH Value: 4.5 ± 1
- 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.