



Technical Data Sheet

Procast 740

New generation of waterproofing plasticizer for Concrete and Cementitious products



Description

Procast 740 is a new generation of polycarboxylate ether waterproofing admixture formulated from selected polymers and organic materials specially designed to help in produce waterproofing properties when mixed with concrete.

At the same time, **Procast 740** accelerates strength development and reduces the cycle time whilst the appearance is improved.

Application

Procast 740 specially developed for semi-dry concrete mixes. The product is suitable to produce.

- Hollow-core slabs,
- Masonry and
- paving blocks.

Advantages

- Enhanced higher early strength
- Reduce the curing times and optimized the curing cycles
- More durable concrete, lower in permeability.
- Provides concrete protection throughout the concrete depth.
- **Procast 740** is shown to help reduce efflorescence.
- Chloride free.

Technical properties

Appearance	Lumps free liquid
Specific Gravity	1.07 $\pm$ 0.02
Total Chloride Content	Nil

Method of Use and additional rate

Procast 740 is a ready-to-use admixture to be added to the concrete during the mixing process.

The best results are obtained when the admixture is added after all the other components are already in the mixer and after the addition of around 85% of the total water.

The water content is adjusted to obtain the desired workability

Dosage Rate

Dosage rate of 0.5 – 1.30% volume per weight of cementitious material. It is recommended to carry out trial mixes with actual mix constituents to define the exact dosage rate required and to assess effect on the properties of the concrete.

Effects of overdosing

When overdosing beyond the design limit occurs, there will be increase in workability and air content, accompanied with a minor reduction in compressive strength. But the concrete water repellency properties will not be affected instead will be greatly improved.

Cleaning

In case of spillage, wash it with clean water.

Packaging

Available in bulk, 1000 Lt, or in 210Lt. drums

Cautions

Health and safety

Procast 740 is not a fire or health hazard.

If, however, it is spilled, the floor will become slippery and should be washed down with water immediately but should not be left to enter sewers/surface or ground water, in case of uncontrollable situation, wash it with plenty of water to dilute.

In case of eye contact or ingestion, seek medical attention without delay.

Do not dispose of into water or soil but according to local regulations.

Storage

Procast 740 shelf life is 6 months from date of manufacture.

Fire

Procast 740 is non-flammable.

Disclaimer:

We hope that the information herein will be helpful. The data is based upon knowledge considered to be accurate and true and is offered for the user consideration, investigation and verification in the application intended. We do not warrant the results or performance attained due to the nature of the influence of other constituent components in the application.



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