



CLASSIC ECOTM INSTACEM - 3

Curing Free Quick Setting Cement

Product:

Classic Eco Instacem - 3 is a curing free quick setting in accordance to ASTM C 1600 or alternate binder on new generation microcrystalline technology.

Description:

Classic Eco Instacem - 3 when mixed with water reacts chemically to produce a cementitious paste and hardens in few hours with improved properties. It is more suitable for applications where speed strength and durability are of primordial importance. It provides the users a value added alternative solution for today's most challenging construction, repair and product offerings with the below specified unique advantages.

Unique Features:

- Quick setting (can be extended).
- High Early strength (Achieves 60% of its original strength in a day).
- Non curing Required and Non-Shrink.
- Increased im-permeability to water.
- Superior Chloride and sulphate Resistance.
- Increased Fire Resistance.
- Can set in low temperature condition.
- Very high bond strength.

Shelf Life:

6 months from the date of manufacturing if properly stacked and stored in unopened original packing, under shade in dry and frost free conditions.

Packing:

Available in 1,5,10 and 25Kg HDPE bag.

Uses/Applications:

Classic Eco Instacem - 3 can be used for the manufacture of product lines which includes.

- ★ Replacement for Portland cement in regular construction and repair applications with added advantages (like No Curing, Quick Setting properties- Ideal for a fast track project, Non-Shrink properties –Ideal for grouting applications, etc.,
- ★ Raw material for making premixed products (Rapid setting concrete repair mortars, Quick Setting premixed plasters, Fast Setting floor screeds, Crack Fillers, Anchoring grouts, Micro-concrete etc.,)

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- ✦ Extend with sand and aggregate according to your application requirements
- ✦ Self-levelling underlayment.
- ✦ Tile adhesives, Tile joint grouts.
- ✦ Concrete for low temperatures applications.
- ✦ Precast Products.
- ✦ Shotcreting/Spray on cement.

Typical Properties:

Form.....Grey Powder
Fineness..... 4000 cm²/Kg

Time of Setting (Minutes)

Initial Set..... 15 minutes.
Final Set..... 30 minutes.
Air Content of Mortar Volume (%).....3%

Compressive Strength

4Hr (MPa).....15
1 Day(Mpa).....25
7 Days(Mpa).....35
28 Days(Mpa).....50
Mortar Bar Expansion.....0.01

Safety:

The use of dust mask. Safety goggles and gloves are recommended.

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