

ECMA PLAST 109

220 kgs

Packaging

ECMA PLAST 109 is supplied in 220 kgs HDPE barrels.

Shelf Life

Upto 12 months in our original, unopened, sealed packaging.

Storage And Handling

KEEP DRY



The materials must be stored in a moisture free, cool and dry environment, away from any direct sun-light.

STACK HEIGHT



Please avoid stacking of the containers.

Handle the product(s) very carefully during transportation.

Description

ECMA PLAST 109 is a super-plasticising, high range water reducing, accelerated and hardening admixture based on special synthetic polymers. It specifically recommended for using a manufacture of paver blocks and concrete designer tiles.

Properties

Appearance Pinkish straw yellow liquid Specific gravity 1.02 – 1.05 Effect on setting Little effect after even overdosing Chloride content NIL Freezing point -50C Suitability All Portland cements including SRC

Advantages

As a Super plasticizer

- Substantial improvements in workability without increased water or the risk of segregation.
- Normal set without retardation.
- Improved mortar density and surface finish.

As a Water reducer

- Up to 30% water reduction & 40% increase in 28 days strengths are possible.
- High strengths after 8 hours and double 16 hours strengths can be obtained.
- Increases frost and water resistant properties of the mortar because of reduced water contents and low permeability.
- Extremely high workability, little or no vibration required.
- Can replace steam curing.
- Faster mould turn around
- High durability concrete and ultra-high strength mortar.

DoOverdosing

An overdose for double the intended amount of ECMA PLAST 109 will result in very high workability and some retardation. The ultimate compressive strength of the mortar will not be impaired if cured properly.



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Safety Precautions



ECMA PLAST 109 should be protected from extremes of temperature. Should the material become frozen, it must be completely thawed and thoroughly mixed before use.

ECMA PLAST 109 has a minimum shelf life of 12 months provided temperature is 50°C to 30°C

Application

In order to obtain the best results, ECMA PLAST 109 must be used with specifically designed mixes for the particular requirements of strength, cost saving or flowing mortar. For maximum dispersion, ECMA PLAST 109 should be added with the mixing water. On no account should it be added to the dry cement.

Quality Policy

We are committed to provide high quality products to ensure highest performance. Each product comes with ECMAS quality stamp is intended to maximize value addition and performance of the final product. The products are manufactured under a management system independently certified to conform to the requirements of the quality standards of ISO 9001-2015.

Technical Support

Each user can determine the suitability of this product in their particular mode of operation. An ECMAS representative will be happy to assist in proper selection of all our products available for commercial use.



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