

ECMAS HP 901

225 kgs

Packaging

ECMAS HP 901 is supplied in 225 kgs HDPE barrels.

Shelf Life

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

STANDARDS

ECMAS HP 901 is in compliance with ASTM C 494 TYPE "G" category BS EN 934-2

It complies with BIS 9103

Description

ECMAS HP 901 is a state of the art, hyper-plasticiser based on specially selected and modified Poly Carboxylic Ethers, designed to yield exceptional performance. It provides excellent water reduction coupled with good workability retention allowing production and placing of high quality concrete, without any problems of set time retardations. Hence, it can be used for the production of various grades of concretes. ECMAS HP 901 can also be used in manufacturing of SCC*. It can be used in different varieties of concretes including those that contain mineral admixtures like PFA, GGBS, Metakaolin, Micro Silica etc.

Physical Properties

Physical Form	Liquid
Colour	Pale Brown
Specific Gravity	1.09 ± 0.02 @ 27 °C
pH Value	> 6
Chloride Content	< 0.2%

Applications

ECMAS HP 901 is used for high-strength concretes and high performance concretes. It is also used for concretes with high fluidity and concretes for congested reinforcement applications and SCC*.

Usage

ECMAS HP 901 is used generally at a dosage of range 0.25% to 1.5% by weight of cement. The exact dosage is determined by carefully done trials at project site labs/ready mix concrete plant labs to suit the requirements with locally available cements/ingredients. The trials also are done to check properties both in fresh and hardened state.



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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.

Safety Precautions

ECMAS HP 901 needs to be stored in shade. Before using the material, it has to be shaken well. Splashes on eyes has to be immediately washed with plenty of water and seek medical advice.

Wear all PPE's at the time of the application like safety boots, goggles, hand gloves and masks. Avoid contact with skin and eyes. Any direct skin contact with the products should be washed off thoroughly with soap and water.

ECMAS HP 901 is recommended to be added on to wet mix and mixed for 2-3 minutes to get proper dispersion and optimum performance. The optimum time of mixing again depends on the mixer capacity/efficiency etc. ECMAS does not recommend any other different chemical admixtures to be used in conjunction with ECMAS HP 901 unless otherwise, such an event is approved with proper / prior trials done in consultation with ECMAS.

*In case of ECMAS HP 901 to be incorporated in concrete for production of SCC, Specifications and Guidelines for SCC, EFNARC can be referred.

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 9001-2019.

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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