



EUCON™ FOR-CAST™ PE

EFFLORESCENCE CONTROLLING ADMIXTURE FOR CONCRETE MASONRY

EUCLID CHEMICAL

PRODUCT INFORMATION

PACKAGING

Available in bulk, 275 gal (1041 L) totes, 55 gal (208 L) drums, and 5 gal (18.9 L) pails

SHELF LIFE

2 years in original, unopened container

TECHNICAL INFORMATION

Appearance: Amber
Specific Gravity ~ 0.91
Freezing Point ~ 40°F (4°C)

DESCRIPTION

EUCON FOR-CAST PE is an organic, oil based admixture used to control the unsightly haze of primary efflorescence on concrete masonry products. This usually appears during the first 72 hours after production as original mix moisture evaporates. When exposed to carbon dioxide in the atmosphere, this weak solution of mainly calcium hydroxide is converted to a white, powdery calcium carbonate. EUCON FOR-CAST PE complexes with these salts and inhibits their ability to move through the water filled capillaries. EUCON FOR-CAST PE is typically used as part of an efflorescence control admixture "system".

PRODUCT CHARACTERISTICS

FEATURES & BENEFITS

- Improves color integrity
- Chemically treats the cause of efflorescence
- Reduces water absorption

PRIMARY APPLICATIONS

- Concrete block
- Concrete roofing tile
- Concrete pavers
- Segmental retaining wall units
- Concrete brick

PRECAUTIONS/LIMITATIONS

- Store material above at 40°F (4°C).
- Do not allow EUCON FOR-CAST PE to freeze.
- Dose independently from other admixtures, and before cement is discharged
- If efflorescence persists after using EUCON FOR-CAST PE, consult your local Euclid Chemical representative for other possible solutions.
- In all cases, consult the Safety Data Sheet before use.

DIRECTIONS FOR USE

EUCON FOR-CAST PE is not water soluble, therefore it must be added to the aggregate and mixed at least 15 seconds prior to cement being added. If other admixtures are required, dose them later in the batch sequence per product recommendations. EUCON FOR-CAST PE is compatible with all Euclid Chemical concrete masonry admixtures. EUCON FOR-CAST PE is intended for use at a rate of 4 -10 oz/100 lbs. (261 - 650 mL/100 kg) of cement.

WARRANTY: The Euclid Chemical Company ("Euclid") solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. Unless authorized in writing by an officer of Euclid, no other representations or statements made by Euclid or its representatives, in writing or orally, shall alter this warranty. EUCLID MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME. If any Euclid product fails to conform with this warranty, Euclid will replace the product at no cost to Buyer. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Any warranty claim must be made within one (1) year from the date of the claimed breach. Euclid does not authorize anyone on its behalf to make any written or oral statements which in any way alter Euclid's installation information or instructions in its product literature or on its packaging labels. Any installation of Euclid products which fails to conform with such installation information or instructions shall void this warranty. Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. Buyer shall be solely responsible for determining the suitability of Euclid's products for the Buyer's intended purposes.