



EUCLID CHEMICAL

EUCON FOR-CAST PE

EFFLORESCENCE CONTROLLING ADMIXTURE FOR CONCRETE MASONRY

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 inside-out phenomena 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”.

PRIMARY APPLICATIONS

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

FEATURES/BENEFITS

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

TECHNICAL INFORMATION

Physical Properties

Specific Gravity 0.91
 Freeze Point 40°F (4°C)
 Color Amber

PACKAGING

EUCON FOR-CAST PE is 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.

DIRECTIONS FOR USE

EUCON FOR-CAST PE is not water soluble, therefore it must be added to the aggregates and mixed at least 15 seconds prior to cement. 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. Follow the directions for use carefully.

EUCON FOR-CAST PE is intended for use at a rate of 4 -10 oz per 100 lbs. (261 - 650 mL / 100 kg) of cement.

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.

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