

EUCON™ FOR-CAST™ RM

RHEOLOGY MODIFYING ADMIXTURE FOR LOW SLUMP CONCRETE



EUCLID CHEMICAL

PRODUCT INFORMATION

PACKAGING

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

SHELF LIFE

6 months in original, unopened container

SPECIFICATIONS/COMPLIANCES

ASTM C494 Type S

TECHNICAL INFORMATION

Specific Gravity ~ 1.011

Freezing Point ~ 32°F (0°C)

DESCRIPTION

EUCON FOR-CAST RM is a rheology modifying admixture that adds mobility and plasticity to low slump concrete. FOR-CAST RM speeds concrete flow and compaction rates while reducing void space, bugholes, and other surface defects. FOR-CAST RM is particularly effective when used with the Euclid Chemical PLASTOL line admixtures to produce high integrity drycast pipe, slabs, and other elements. EUCON FOR-CAST RM adds production efficiency and visual appeal to low slump concrete and concrete products while maintaining normal concrete consistencies. EUCON FOR-CAST RM also aids in the immediate stripping of dry cast pipe, and reduces wear of augers, rollers, vibrators, and profilers. FOR-CAST RM is compatible with a wide range of plasticizers, water reducers, other admixtures and can be used at any mix consistency to improve formed surfaces.

PRODUCT CHARACTERISTICS

FEATURES & BENEFITS

- Thixotropic properties add response to vibration
- Reduced stickiness speeds material flow, compaction
- Lower friction improves mold fill and cast surface finish
- Modifications lower mix, placement, & defect related costs

PRIMARY APPLICATIONS

- Drycast pipe & related products
- Extruded hollow core slabs
- Slip formed concrete of all types

PRECAUTIONS/LIMITATIONS

- EUCON FOR-CAST RM performs optimally with Euclid Chemical PLASTOL polycarboxylate based admixtures and will reduce water demand when used in combination.
- DO NOT allow EUCON FOR-CAST RM to freeze. If the product has frozen, thaw using mechanical agitation if necessary, but never agitate with air. Contact your local Euclid Chemical sales representative for assistance with this process.
- In all cases, consult the Material Safety Data Sheet before use.

DIRECTIONS FOR USE

EUCON FOR-CAST RM is recommended for use at a rate of 2 - 6 oz/100 lbs (131 - 392 mL/100 kg) of cementitious materials and is compatible with other Euclid admixtures, however, any products used in combination should be added separately, and in accordance with directions for use. Trial mixes are recommended to determine the dose response and combined effect with other products in use. EUCON FOR-CAST RM may be added to the concrete at any point in the mixing process providing that it does not come into contact with dry cement, and that adequate mixing is allowed to fully disperse the product.

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