EUCON FOR-CAST RM

Rheology Modifying Admixture for Low-Slump Concrete

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 PLASTOL mid/high-range water reducers to produce high integrity dry-cast pipe, slabs, and other elements. FOR-CAST RM admixture is also useful in slip-formed paving, curb & gutter placement, and concrete barrier walls.

PRIMARY APPLICATIONS

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

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

TECHNICAL INFORMATION

Physical Properties
Specific Gravity...........1.011
Freezing Point.............32°F (0°C)
Appearance: EUCON FOR-CAST RM is a dark brown, free flowing liquid

EUCON FOR-CAST RM adds production efficiency and visual appeal to low slump concrete and concrete products while maintaining normal concrete consistencies. Improved flow and compaction rate translates to lower pipe production cycle times, and increased concrete extrusion rates. EUCON FOR-CAST RM also aids in the immediate stripping of dry-cast pipe, and reduces wear of augers, rollers, vibrators, and profilers.

EUCON FOR-CAST RM is compatible with a wide range of EUCON plasticizers, PLASTOL mid/high range water-reducers (and most other admixture types) and can be used at any mix consistency to improve formed surfaces. EUCON FOR-CAST RM complies with ASTM C 494/C 494M for Type S (Specific Performance)

PACKAGING

EUCON FOR-CAST RM is 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.

DIRECTIONS FOR USE

EUCON FOR-CAST RM is recommended for use at a rate of 2 to 6 oz/100 lbs (131 to 392 mL/100 kg) of cementitious materials.

EUCON FOR-CAST RM is compatible with other EUCON admixtures, however, any products used in combination should be added separately, and in accordance with directions for their 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 contact dry cement, and that adequate mixing is allowed to fully disperse the product.

PRECAUTIONS/LIMITATIONS

- EUCON FOR-CAST RM performs optimally with 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.
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