

RHEOMIX® 610P

Plasticizing admixture for concrete masonry

DESCRIPTION:

RHEOMIX® 610P admixture is specially formulated for more cost-efficient manufacture of concrete masonry. RHEOMIX 610P admixture improves the properties of both fresh and hardened non-slump concrete. Improved paste coverage of aggregate enhances the green strength of concrete products immediately after their manufacture. This also results in higher early and later age compressive strength. RHEOMIX 610P admixture produces a very smooth, dense surface for applications where a little or no swipe texture is desired. This admixture is supplied as a ready-to-use liquid and is accurately delivered through dispensing systems provided and maintained by Master Builders, Inc.

APPLICATIONS:

- Concrete block
- Concrete brick
- Landscaping units
- Paving stones
- Dry-cast pipe

PRODUCTION BENEFITS:

- Enables a faster rate of concrete product fabrication
- Improves cohesion and dimensional stability
- Increases early strength development for reduced culls
- Reduces compaction resistance
- Lubricates the mix to reduce abrasion of mold wearing parts

IMPROVED APPEARANCE:

- Dispensing action of RHEOMIX 610P admixture improves color consistency
- Provides more thorough mix action for improved total batch consistency
- Thorough compaction provides improved texture consistency
- Ease of moldability yields sharper edges and corners

ECONOMIC BENEFITS:

- Up to 40% increase in strength can permit substantial cement reduction
- Increased production level reduces overall per-unit cost
- Increased early strength can reduce curing time/temperature
- Reduced culls mean increased profitability
- Increased strength permits earlier delivery without chipping or breakage

DOSAGE RATE:

RHEOMIX 610P admixture is recommended for use at a rate of 2 to 6 fl oz per 100 lbs (140 to 391 mL per 100 kg) of cement.

DISPENSING AND STORAGE:

To obtain maximum efficiency, add RHEOMIX 610P admixture after wetting of aggregates and cement with 75% of mixing water. Under no circumstances should this admixture be dispensed on top of dry cement. Allow at least 1½ min. mixing after addition of RHEOMIX 610P.

PACKAGING:

RHEOMIX 610P admixture is available in 55 U.S. gallon (208 liter) drums, 275 U.S. gallon (1040 liter) tote tanks, and by bulk delivery.

TEMPERATURE PRECAUTIONS:

If RHEOMIX 610P admixture has frozen, thaw at 35 °F (2 °C) or above and completely reconstitute by mild mechanical agitation. **Do not use pressurized air for agitation.**

For additional information on RHEOMIX 610P admixture, contact your local Master Builders representative.

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