

RHEOMIX® 630S

Plasticizing admixture for concrete masonry

DESCRIPTION:

RHEOMIX® 630S admixture is specially formulated for more cost-efficient manufacture of concrete masonry. RHEOMIX 630S admixture provides numerous benefits as a result of improving cement dispersion and hydration. Green strength of concrete products is improved through better paste coverage of aggregate particles. This also results in higher early and ultimate compressive strength. RHEOMIX 630S admixture produces a light to moderate swipe or surface mortar web depending on the mix design in use and the admixture dosage selected. 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:

- Dispersing action of RHEOMIX 630S 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 corners and edges

ECONOMIC BENEFITS:

- Substantial increase in strength can permit 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 630S admixture is recommended for use at a rate of 3 to 8 fl oz per 100 lbs (196 to 522 mL per 100 kg) of cement.

DISPENSING AND STORAGE:

To obtain maximum efficiency, add RHEOMIX 630S 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 630S.

PACKAGING:

RHEOMIX 630S 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 630S 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 630S admixture, contact your local Master Builders representative.

Master Builders, Inc.

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