



The Chemical Company

# RHEOMIX<sup>®</sup> 610P

Plasticizing admixture for concrete masonry

## DESCRIPTION

**Rheomix 610P** is a specially formulated admixture which enables 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 BASF Construction Chemicals.

## RECOMMENDED FOR

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

## FEATURES AND BENEFITS

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 610P admixture improves colour 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*

## PACKAGING

**Rheomix 610P** is available in 205 litre drums and bulk.

## ESTIMATING DATA

**Rheomix 610P** admixture is recommended for use at a rate of 150 to 400 ml per 100kg of cementitious material.

## DISPENSING

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 minutes mixing after addition of **Rheomix 610P**.

## SHELF LIFE

Shelf life for **Rheomix 610P** is 18 months.

## PRECAUTIONS

If **Rheomix 610P** admixture has frozen, thaw at 2°C or above and completely reconstitute by mild mechanical agitation. **Do not use pressurised air for agitation.**

### First Aid

Skin: Wash skin thoroughly and remove contaminated clothing.

Eye: Hold eyes open, flood with water for at least 15 minutes.

Ingestion: Do NOT induce vomiting. Give a glass of water after rinsing mouth.

### Safety Directions

Wear suitable protective clothing, gloves and goggles when handling.



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All BASF Construction Chemicals Australia & New Zealand data sheets are updated on a regular basis, it is the user's responsibility to obtain the most recent issue ARmix610P/3/0806

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## STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this **BASF Construction Chemicals** publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

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## NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by **BASF Construction Chemicals** either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not **BASF Construction Chemicals**, are responsible for carrying out procedures appropriate to a specific application.

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