



The Chemical Company

# RHEOFIT™ 1102

Plasticizing admixture for no-slump concrete

## DESCRIPTION

**RHEOFIT 1102** is a ready to use admixture formulated for use in no-slump concrete fabrication processes. **RHEOFIT 1102** admixture imparts a slick characteristic to the dry mix for concrete processes such as plank or tile extrusion and enables a faster production rate as a result. Concrete products containing **RHEOFIT 1102** admixture show fewer surface irregularities and have a rich, dense surface appearance. **RHEOFIT 1102** admixture is especially suited for dry cast concrete pipe production. This admixture is accurately delivered through dispensing systems provided and maintained by BASF Construction Chemicals.

## RECOMMENDED FOR

- Dry cast concrete pipe
- Extruded concrete planking
- Extruded concrete roof tile
- Other miscellaneous no-slump concrete products

## FEATURES AND BENEFITS

### Production Benefits

- Improves both early and later age compressive strength
- Enables a faster rate of concrete product fabrication
- Improves cohesion and dimensional stability
- Can reduce amount of patching or hand trowelling
- Resistance to compaction or extrusion is decreased
- Lubricates the mix to reduce abrasion of product forming parts

### Improved Appearance

- Dispersing action of **RHEOFIT 1102** admixture provides improved colour consistency
- Improved moldability reduces surface tears or other imperfections
- Produces denser, closed surfaces

### Economic Benefits

- Improved cement dispersion can reduce the amount required for a given strength
- Increased production level reduces overall per-unit cost
- Reduced defects lead to increased profitability

**RHEOFIT 1102** admixture is recommended for use at a rate of 200 to 550 ml per 100kg of cementitious material.

## DISPENSING

To obtain maximum efficiency, add **RHEOFIT 1102** 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 **RHEOFIT 1102**.

## PACKAGING

**RHEOFIT 1102** is available in 205 litre drums and bulk.

## SHELF LIFE

Shelf life for **Rheomix 1102** is 18 months.

## PRECAUTIONS

If **RHEOFIT 1102** admixture has frozen, thaw at 2°C or above and completely reconstitute by mild mechanical agitation. **Do not use pressurised air for agitation.**

For the full health and safety hazard information and how to safely handle and use this product, please make sure that you obtain a copy of the BASF **Material Safety Data Sheet (MSDS)** from our office or our website.

## QUANTITY TO USE



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## STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this **BASF** 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.

## NOTE

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

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