



The Chemical Company

# RHEOFIT™ 1101

A performance admixture for concrete masonry

## DESCRIPTION

**RHEOFIT 1101** is a non-chloride liquid admixture designed to improve performance in both normal and lightweight non-plastic concrete. **RHEOFIT 1101** increases production efficiency and develops higher early strength in both green and hardened concrete. It is compatible with all brands and types of Portland cement and curing systems such as low pressure, high pressure, carbon dioxide and air.

## RECOMMENDED FOR

**RHEOFIT 1101** is particularly recommended for use in the manufacture of all non-plastic concrete masonry including blocks, pavers, pipes etc.

## FEATURES AND BENEFITS

**RHEOFIT 1101** admixture offers the following special qualities:

- **develops higher early strength in both green and hardened concrete which means less web cracks and fewer culls from cubing and other transfer operations.**
- **increases strengths at later ages.**
- **improves cohesiveness and mouldability of the mix.**
- **improves colour, texture and uniformity.**
- **faster, smoother machine operation and less wear on product forming parts ensures longer machine life.**

## QUANTITY TO USE

**RHEOFIT 1101** is used at 200 to 400ml per 100kg of cement. Due to individual performance requirements and plant materials, contact your local BASF Construction Chemicals technical representative regarding preferred formulation and optimum dosage.

## HOW TO USE

To obtain best performance, add **RHEOFIT 1101** after cement and aggregate have been moistened with approximately 75% of total mixing water. Allow at least 1/3 of the total mixing time for working **RHEOFIT 1101** into the batch.

## PACKAGING

**RHEOFIT 1101** is available in bulk and in 205 litre drums.

## STORAGE

**RHEOFIT 1101** should be kept at a uniform temperature (2°C or above) to prevent thickening and forming a precipitate.

## SHELF LIFE

**RHEOFIT 1101** has a shelf life of approximately 18 months if stored in a sealed container.

## PRECAUTIONS

If **RHEOFIT 1101** 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.



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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.

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## 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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