

# RHEOMAC<sup>®</sup> 614 (Pump Aid)

A performance admixture for aiding the pumpability and finishability of concrete

## DESCRIPTION

**RHEOMAC 614** is an admixture designed to aid the pumpability and finish of concrete. **RHEOMAC 614** prevents excessive wear of concrete pumps and increases output. **RHEOMAC 614** is non-flammable, non staining and essentially non-toxic.

## RECOMMENDED FOR

**RHEOMAC 614** can be used in all types of concrete and concrete products. This product is especially suitable for concrete with the inclusion of manufactured sands, lean mixes, concretes with deficient grading and lack of fines, also for long pumping distances.

## FEATURES AND BENEFITS

**RHEOMAC 614** added to a concrete mix:

- provides a thixotropic quality to the concrete that improves cohesiveness, workability, pumpability and finishability characteristics
- improves pump output
- reduces wear of concrete pumps and lines
- improves consistency of concrete flow
- reduces pump pressure

## QUANTITY TO USE

To improve concrete cohesiveness – dose rate is normally used in the range of 200ml – 400ml per 100kg cementitious.

To reduce pump pressure and act as a replacement for lack of fines in a concrete mix

Dose rate: 500ml – 1000ml per 100kg cementitious

**RHEOMAC 614** can be added to the concrete mix at initial batching stage or at the job site.

Thorough mixing after addition is essential to achieve best results. Minimum mix time 1.5 minutes.

**RHEOMAC 614** may change the viscosity and appearance of the concrete mix, but workability is not adversely influenced.

## COMPATABILITY

**RHEOMAC 614** can be used in conjunction with other BASF admixtures but each admixture must be added separately to the concrete mix.

## PACKAGING

**RHEOMAC 614** is supplied in 20 litre pails, 205 litre drums, 1000 litre pallecons and bulk.

## STORAGE

**RHEOMAC 614** should be stored away from direct sunlight and at temperatures below 35°C and above 5°C.

## PRECAUTIONS

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.

## HOW TO USE



The Chemical Company

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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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