

# MasterPozzolith<sup>®</sup> R 148 (Formerly known as Pozzolith<sup>®</sup> 148R)

Water reducing and set retarding

## DESCRIPTION

**MasterPozzolith R 148** is a liquid admixture based on modified lignosulphonates and synthetic materials.

The admixture delays the initial hydration of cement thus retarding setting times and extending workability. However, the hardening process is not substantially modified, so that an increase in strength is obtained in proportion to the reduction in mixing water.

The addition of **MasterPozzolith R 148** increase concrete workability without decreasing concrete strength.

The use of **MasterPozzolith R 148** with concrete increases cohesion and considerably reduces segregation.

## RECOMMENDED USES

**MasterPozzolith R 148** compatible with the following:

- All types of concrete where retardation of set and improved performance are required.
- Improving pumped concrete and conventionally place concrete.
- Improving plain, reinforced, precast, prestressed, light weight or standard weight concrete.

## FEATURES AND BENEFITS

- **High workability at high temperature** - Short placement time. Saves time and labour.
- **High water reduction** - High impermeability and strength. Improves durability
- **Extended workability** - Retardation of setting times without loss in strength
- **Easy and rapid pumping operations** - Higher ultimate strength and with better surface finish.

## TYPICAL PERFORMANCE DATA

The lowering of water/cement ratio reduces the porosity resulting in a more dense impermeable concrete. Thus, the ingress of aggressive agents can be reduced considerably thereby extending durability.

## APPLICATION

### Dispensing

**MasterPozzolith R 148** is a ready-to-use liquid product. It is introduced into the mixer at the same time as the mixing water.

## DOSAGE

The dosage of **MasterPozzolith R 148** can vary between 0.2 and 0.6 litres/100kg of cement, depending on the specific working conditions.

## PACKAGING

**MasterPozzolith R 148** is available in 205L drums or by bulk delivery.

## SHELF LIFE

**MasterPozzolith R 148** can be stored for 12 months if stored at temperatures above 5°C, in tightly sealed original drums. If found to be frozen, thaw it and reconstitute by stirring.

## PRECAUTIONS

**Health :** **MasterPozzolith R 148** does not contain any hazardous substances requiring labelling.

It is safe for use with standard precautions followed in the construction industry, such as use of hand gloves, safety goggles, etc.

For detailed Health, Safety and Environmental Recommendations, please consult and follow all instructions on the product Material Safety Data Sheet.



The Chemical Company

# MasterPozzolith<sup>®</sup> R 148 (Formerly known as Pozzolith<sup>®</sup> 148R)

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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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