

# MasterGlenium® ACE 8308

High Performance Superplasticiser with Super Slump Retention for Ready Mix Concrete

## DESCRIPTION

**MasterGlenium ACE 8308** is a new generation superplasticiser for concrete containing polycarboxylic ether polymers. The product has been primarily developed for applications in high performance ready-mix concrete to facilitate high early strength gains with super slump retention. **MasterGlenium ACE 8308** is free of chloride and is compatible with all cements meeting recognised international standards. It is a concrete admixture technology that brings benefits to all concrete producers in terms of slump retention, early and final strength development. It also assures concrete workability at the time of placing. **MasterGlenium ACE 8308** when added to concrete, it helps to gain control over the workability of concrete at the time of placing, far beyond previously known levels. As a result, concrete producers are enabled to provide a specified workability of concrete consistently, even if under hot weather or traffic conditions or any other factors making it difficult to estimate the time window between batching and placing.

## FIELDS OF APPLICATION

**MasterGlenium ACE 8308** is recommended in achieving:

- High performance ready mix concrete
- Superb early and ultimate strength concrete
- Great workability without segregation or bleeding
- Concrete mixes at various w/c ratios

## FEATURE AND BENEFITS

<b>High water reduction</b>	Low permeability, high durability concrete.
<b>High flowability</b>	Ease of placing and compaction. Less vibration required even in case of steel reinforcement congestion. Less workmanship required.
<b>Super Slump Retention</b>	Exceptional slump retention without retardation - no retempering. Ease of delivery to point of placement.
<b>Low shrinkage and creep</b>	Improves dimensional stability and reduces risk of cracks

**Superior workability**

Ease of pumping and improves concrete finish. Excellent surface appearance and texture.

## APPLICATION

Dispensing **MasterGlenium ACE 8308** is a ready-to-use that is added to the concrete at the time of batching. The maximum effect is achieved when the **MasterGlenium ACE 8308** is added after the addition of 50 to 70% of the water. **MasterGlenium ACE 8308** must not be added to the dry materials. A separate dispenser and feed line must be used.

## DOSAGE

The normal dosage of **MasterGlenium ACE 8308** is between 500 and 1000 ml per 100 kg of cementitious materials. Other dosages may also be used depending on the specific working conditions. Trial mixes should be made with job materials to determine the optimum dosage required for a specified job requirement.

## PACKAGING

**MasterGlenium ACE 8308** is available in 205L drums or by bulk delivery.

## SHELF LIFE

**MasterGlenium ACE 8308** can be stored for 6 months if stored at a temperature above 0°C and in tightly sealed original containers. If frozen, thaw it and completely reconstitute by mild agitation. Do not use compressed air.

## PRECAUTIONS

Health: **MasterGlenium ACE 8308** 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 in the product Material Safety Data Sheet.



We create chemistry

# MasterGlenium<sup>®</sup> ACE 8308

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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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