



The Chemical Company

GLENIUM[®] ACE 388(RM) SURETEC

Formerly known as GLENIUM ACE 388(RM)

High-range superplasticiser with super retention technology

DESCRIPTION

GLENIUM ACE 388(RM) SURETEC is an innovative polycarboxylic ether (PCE) based superplasticiser with super retention technology. Due to a specifically tailored constitution of the active material, this admixture shows formerly unknown adsorption characteristics to cement. As a result, **GLENIUM ACE 388(RM) SURETEC** provides exceptional good early strength development. While conventional admixture for high early strength concomitantly suffer from high workability loss over time and eventually lower final strength, **GLENIUM ACE 388(RM) SURETEC** overcomes this dependency and provides much improved slump retention and vastly increased final strength of concrete.

It is formulated to comply with ASTM C494 for Type F and G admixtures.

Compatibility

GLENIUM ACE 388(RM) SURETEC is compatible and recommended for use with:

- Viscosity Modifying Agents to produce SCC.
- MICRO-AIR 202, air entraining admixture, to improve freeze-thaw resistance.

GLENIUM ACE 388(RM) SURETEC is not compatible with the RHEOBUILD[®] superplasticisers.

FEATURES AND BENEFITS

GLENIUM ACE 388(RM) SURETEC offers the following benefits for the ready mix concrete industry:

- High impermeability and strength
- Improved durability
- Very high workability
- No segregation even at high workability
- Excellent concrete quality
- Produce Rheoplastic and Self Consolidating Concrete with a low w/c ratio.
- Eliminate energy required for placing, consolidation and curing.
- Increase productivity.
- Improve surface appearance.
- As compared to the traditional superplasticisers, improve engineering properties such as early and ultimate compressive and flexural strengths.

APPLICATION

GLENIUM ACE 388(RM) SURETEC is a liquid admixture to be added to the concrete during the mixing process. The best results are obtained when the admixture is added after all the other components are already in the mixer and after the addition of at least 80% of the total water.

DOSAGE

The normally recommended dosage rate is 0.75 to 1.2 liters per 100 kg of binder. Other dosages may be used in special cases according to specific job site conditions. In this case, please consult our BASF Construction Chemicals representative.

PACKAGING

GLENIUM ACE 388(RM) SURETEC is available in 205 L drums or in bulk.

SHELF LIFE

GLENIUM ACE 388(RM) SURETEC must be stored in a place where the temperature is not below 0°C. In case the product freezes, increase the temperature of the product to 30°C and remix.

PRECAUTIONS

Health: **GLENIUM ACE 388(RM) SURETEC** does not contain any hazardous substances need to be labeled. 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.

2-2-3-0308

BASF Construction Chemicals offices in ASEAN

Singapore

Tel :+65-6861-6766
Fax :+65-6861-3186

Malaysia

Tel :+60-3-5628-3388
Fax :+60-3-7847-6781

Indonesia

Tel :+62-21-893-4339
Fax :+62-21-893-4342

Thailand

Tel :+66-2204-9427
Fax :+66-2664-9267

Vietnam

Tel :+84-650-743-100
Fax :+84-650-743-200

Philippines

Tel : +63-2-889-4321
Fax : +63-2-889-4361



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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.

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.
