

Product Information

GABROSA™ M 300

GABROSA™ M 300 is a non-ionic, water soluble cellulose ether intended as a water retaining and consistency improving additive to cement based mortars.

Specifications

GABROSA™ M 300 is a medium viscosity grade of methyl hydroxyethyl cellulose.

Physical data

Appearance	whitish powder
Particle size	max 8.0%
Water content	max 6.0%
Sulfate Ash content	max 5.0%

Characteristics of aqueous solutions

pH (1 % solution)	5 - 9
Surface activity	weak
Viscosity at 20°C	
Brookfield RV, 20RPM	
2 % solution	20,000–30,000 mPa·s

Applications

GABROSA™ M 300 is used in cement-based tile adhesive and grout mortars for improvement of workability, consistency, water retention and adhesion.

Normal dosage in mortars is 0.3 - 0.7 % calculated on the dry mortar weight.

GABROSA™ M 300 is intended for dry mixing with other powder materials and should not be used for direct dissolving in water.

Safety instructions, packaging and storage

Like many industrial processed powdery materials, cellulose ether dusts are combustible and can cause dust explosions. Dust formation must be avoided or kept a minimum. Care should be taken to prevent ignition from heat, spark, open flames or hot surface.

GABROSA™ M 300 is packed in paper bags with polyethylene lining. Net weight 25 kg. We recommend emptying the bags from the bottom. The empty bags can be recycled or burned. In unopened bags, GABROSA™ M 100 can be stored for several years. In opened bags, the moisture content of GABROSA™ M 300 will be influenced by the air humidity.

At the temperatures above 250°C (480°F), charring of GABROSA™ M 300 will occur. At high temperatures and in contact with an open flame, GABROSA™ M 300 will burn slowly with the characteristics of cellulose.