

## Technical Data Sheet

# GAPRI® HEMC 45000 N

### General Introduction

GAPRI® HEMC 45000 N cellulose ether is a kind of non-ionic, water-soluble polymer that was developed for cement-based and gypsum-based dry mix mortar. It provides the finished product with well-balanced application properties such as:

- ✓ Good air stabilization in mortar
- ✓ Good water retention even under high temperature
- ✓ Smooth leveling ability
- ✓ Excellent workability

### Product properties

Constitution	Hydroxyethyl Methyl Cellulose Ether (HEMC/MHEC)
Appearance	White or off-white powder
Viscosity	35,000-45,000
Particle size	≥ 92% passing 0.212 mm
Bulk density	250-550 kg/m <sup>3</sup>
Moisture (max)	6%
Delayed Solubility	No
<b>2% solution, Brookfield RV, 20 rpm, 20°C, on dry basis.</b>	

### Packaging & Storage

GAPRI® HEMC 45000 N should be stored and delivered under dry and clean conditions in its original package form and away from heat. GAPRI® HEMC 45000 N is packed in 25kg multilayer bags.

### Shelf life

At least 2 years under cool and dry condition. For material storage over shelf life, quality confirmation test should be done before use.

### Product safety

According to the EU legislation on dangerous substances and preparations, GAPRI® HEMC 45000 N cellulose ether does not belong to hazardous material. Further information on safety aspects is given in Material Safety Data Sheet.