

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 ³
Moisture (max)	6%
Delayed	No
Solubility	
2% solution, Brookfield RV, 20 rpm, 20°C, on dry basis.	

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.

This information is based on our present state of knowledge and is intended to provide general notes on our products and their uses. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application. The quality of our products is guaranteed under our General Conditions of Sale.