

# GABROSA M 2000

Methyl hydroxypropyl cellulose

GABROSA™ M 2000 is a non-ionic, water soluble cellulose ether intended as a water retaining and consistency improving additive to cement based mortars.

## Specifications

Appearance	Whitish powder
Particle size	≤ 8.0 % (over 212µm)
Salt content	≤ 5.0 %
Water content	≤ 6.0 %

## Characteristics

pH, 1% solution	5-9
Surface activity	Weak

### Notes:

GABROSA™ M 2000 is a very high viscosity grade of methyl hydroxypropyl cellulose. Viscosity at 20°C Brookfield DV2T 2% solution 65'000–85'000 mPa.s

## Applications

GABROSA™ M 2000 is used in cement-based skimcoats, renders, masonry renders, light-weight plasters, ETICS mortars, extrusion mortar, adhesive and grout mortars. GABROSA™ M 2000 improves workability, lowers stickiness, increases open time and contributes to better adhesion thanks to its excellent water retention.

## Storage

In unopened bags, GABROSA™ M 2000 can be stored for several years. In opened bags, the moisture content of GABROSA™ M 2000 will be influenced by the air humidity.

## Packaging and transport

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 2000 is packed in polyethylene bag. Net weight 25 kg. We recommend emptying the bags from the bottom. The empty bags can be recycled or burned.

## Safety and handling

GABROSA™ M 2000 is intended for dry mixing with other powder materials and should not be used for direct dissolving in water. At the temperatures above 250°C (480°F), charring of GABROSA™ M 2000 will occur. At high temperatures and in contact with an open flame, GABROSA™ M 2000 will burn slowly with the characteristics of cellulose.

## Certifications

Nouryon Chemicals AG has been certified according to ISO 9001, ISO 14001 and OHSAS 18001.

All information concerning this product and/or suggestions for handling and use contained herein are offered in good faith and are believed to be reliable. Nouryon, however, makes no warranty as to accuracy and/or sufficiency of such information and/or suggestions, as to the product's merchantability or fitness for any particular purpose, or that any suggested use will not infringe any patent. Nouryon does not accept any liability whatsoever arising out of the use of or reliance on this information, or out of the use or the performance of the product. Nothing contained herein shall be construed as granting or extending any license under any patent. Customer must determine for himself, by preliminary tests or otherwise, the suitability of this product for his purposes. The information contained herein supersedes all previously issued information on the subject matter covered. The customer may forward, distribute, and/or photocopy this document only if unaltered and complete, including all of its headers and footers, and should refrain from any unauthorized use. Don't copy this document to a website.

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The Nouryon logo consists of a stylized orange 'N' followed by the word 'ouryon' in a lowercase, orange, sans-serif font.