

BERMOCOLL CCM 812

Methyl ethyl hydroxyethyl cellulose

BERMOCOLL CCM 812 is a high modified non-ionic, water soluble cellulose ether. It improves the consistency and the water retention of gypsum based plaster.

Specifications

Appearance	Whitish powder
Particle size	98 % ≤ 300 μm
Water content	≤ 4 %

Characteristics

pH, 1% solution	neutral
Surface activity	Weak
Viscosity at 20 °C (Brookfield LV), 1% solution	~ 12000 mPa.s

Notes:

Bermocoll® CCM 812 is a high modified high viscosity grade of methyl ethyl hydroxyethyl cellulose.

Applications

Bermocoll® CCM 812 is used as an admixture in gypsum based plaster for improvement of workability, consistency and water retention. Bermocoll® CCM 812 prolongs the working time and effectively counteracts the sagging tendency of the plaster.

Storage

In unopened bags, Bermocoll® CCM 812 can be stored for several years. In opened bags, the moisture content of Bermocoll® CCM 812 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 to a minimum. Care should be taken to prevent ignition from heat, spark, open flames or hot surface. BERMOCOLL CCM 812 is packed in a polyethylene bag. Net weight 20 kg. We recommend emptying the bags from the bottom. The empty bags can be recycled or burned. In unopened bags, BERMOCOLL CCM 812 can be stored for several years. In opened bags, the moisture content of BERMOCOLL CCM 812 will be influenced by the air humidity. At the temperatures above 250°C (480°F), charring of BERMOCOLL CCM 812 will occur. At high temperatures and in contact with an open flame, BERMOCOLL CCM 812 will burn slowly with the characteristics of cellulose.

Safety and handling

Bermocoll® CCM 812 should be admixed to the plaster in dry form before the water is added. Due to its small particle size Bermocoll® CCM 812 will dissolve rapidly after addition of water to the dry mix. At the temperatures above 250 °C (480 °F), charring of Bermocoll® CCM 812 will occur. At high temperatures and in contact with an open flame, Bermocoll® CCM 812 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 logo for Nouryon, featuring a stylized blue 'N' followed by the word 'ouryon' in a lowercase, sans-serif font.