

# BERMOCOLL CCM 825

BERMOCOLL CCM 825 is a light modified nonionic, water soluble cellulose ether, intended as a water retaining and consistency improving additive to cement and gypsum based mortars.

## Specifications

Appearance	Whitish powder
Particle size	98 % $\leq$ 450 $\mu$ m
Water content	$\leq$ 4 %

## Characteristics

Surface activity	Weak
Viscosity at 20 °C (Brookfield LV), 1% solution	~ 10000-14000 mPa.s

### Notes:

BERMOCOLL CCM 825 is a modified high viscosity grade of methyl ethyl hydroxyethyl cellulose.

## Applications

BERMOCOLL CCM 825 is used in cement and gypsum based mortars for improvement of workability, consistency and water retention, leading to a prolongation of the open time. BERMOCOLL CCM 825 effectively counteracts the sagging tendency of mortar. BERMOCOLL CCM 825 should be admixed in dry form before the water is added. Normal dosage is 0.2 - 0.7 % depending on type of mortar. Due to its particle size BERMOCOLL CCM 825 will dissolve in a uniform speed after addition of water to the dry mix.

## Storage

In unopened bags, BERMOCOLL CCM 825 can be stored for several years. In opened bags, the moisture content of BERMOCOLL CCM 825 will be influenced by the air humidity. At the temperatures above 250 °C (480 °F), charring of BERMOCOLL CCM 825 will occur.

## 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 825 is packed in 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 825 can be stored for several years. In opened bags, the moisture content of BERMOCOLL CCM 825 will be influenced by the air humidity. At the temperatures above 250°C (480°F), charring of BERMOCOLL CCM 825 will occur. At high temperatures and in contact with an open flame, BERMOCOLL CCM 825 will burn slowly with the characteristics of cellulose. BERMOCOLL CCM 825 is packed in a polyethylene bag. Net weight 20 kg. The empty bags can be recycled or burned. In unopened bags, BERMOCOLL CCM 825 can be stored for several years. In opened bags, the moisture content of BERMOCOLL CCM 825 will be influenced by the air humidity.

## Safety and handling

At high temperatures and in contact with an open flame, BERMOCOLL CCM 825 will burn slowly with the characteristics of cellulose.

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, sans-serif font, all in orange.