

# BERMOCOLL CCM 879

Methyl ethyl hydroxyethyl cellulose

BERMOCOLL CCM 879 is a highly modified non-ionic, water soluble cellulose ether, intended as a water retaining and consistency improving additive to gypsum based mortars.

## Specifications

Appearance	Whitish powder
Particle size	98 % ≤ 450 μm
Water content	≤ 4 %

## Characteristics

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

### Notes:

Bermocoll® CCM 879 is a modified high viscosity grade of methyl ethyl hydroxyethyl cellulose.

## Applications

Bermocoll® CCM 879 is used in gypsum based mortars to improve the workability, consistency and water retention. Bermocoll® CCM 879 prolongs the open time and provides high sag resistance.

## Storage

In unopened bags, Bermocoll® CCM 879 can be stored for several years. In opened bags, the moisture content of Bermocoll® CCM 879 will be influenced by the air humidity.

## Packaging and transport

Like many industrial 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 879 is packed in polyethylene bag. Net weight 20 kg. The empty bags can be recycled or burned. In unopened bags, BERMOCOLL CCM 879 can be stored for several years. In opened bags, the moisture content of BERMOCOLL CCM 879 will be influenced by the air humidity.

## Safety and handling

Bermocoll® CCM 879 should be admixed in dry form before the water is added. Due to its particle size Bermocoll® CCM 879 will dissolve rapidly after addition of water to the dry mix. At the temperatures above 250°C (480°F), charring of Bermocoll® CCM 879 will occur. At high temperatures and in contact with an open flame, Bermocoll® CCM 879 will burn slowly with the characteristics of cellulose.

## Certifications

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

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The logo for Nouryon, featuring a stylized blue 'N' followed by the word 'ouryon' in a lowercase, sans-serif font.