

# Bermocoll CCA 612

Ethyl hydroxyethyl cellulose

Bermocoll® CCA 612 is a high modified non-ionic, water soluble cellulose ether. It improves the consistency and the water retention of gypsum and cement based plasters.

## Specifications

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

## Characteristics

pH, 1% solution	7
Surface activity	Weak
Viscosity at 20 °C (Brookfield LV), 1% solution	5500-7500 mPa.s

### Notes:

Bermocoll® CCA 612 is a modified high viscosity grade of ethyl hydroxyethyl cellulose.

## Applications

Bermocoll® CCA 612 is used in gypsum and cement based plasters to improve the workability, consistency and water retention. Bermocoll® CCA 612 provides high sag resistance.

## Storage

In unopened bags, Bermocoll® CCA 612 can be stored for several years. In opened bags, the moisture content of Bermocoll® CCA 612 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® CCA 612 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® CCA 612 can be stored for several years. In opened bags, the moisture content of Bermocoll® CCA 612 will be influenced by the air humidity. At the temperatures above 250°C (480°F), charring of Bermocoll® CCA 612 will occur. At high temperatures and in contact with an open flame, Bermocoll® CCA 612 will burn slowly with the characteristics of cellulose.

## Safety and handling

Bermocoll® CCA 612 should be admixed to the plaster in dry form before the water is added. Due to its small particle size Bermocoll® CCA 612 will dissolve rapidly after addition of water to the dry mix. At the temperatures above 250 °C (480 °F), charring of Bermocoll® CCA 612 will occur. At high temperatures and in contact with an open flame, Bermocoll® CCA 612 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 blue sans-serif font.