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.