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Product Information

AkzoNobel
Tomorrow's Answers Today

Bermocoll CCM 812

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

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

Physical data

Appearance	whitish powder
Particle size	98 % < 300 µm
Water content	max 4 %

Characteristics of aqueous solutions

pH (1 % solution)	neutral
Surface activity	weak
Viscosity at 20°C (Brookfield LV)	
1 % solution approx.	12,000 mPa·s

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.

BERMOCOLL CCM 812 should be admixed to the plaster in dry form before the water is added. Normal dosage is 0.15 - 0.23 % calculated on the dry mix. Due to its small particle size BERMOCOLL CCM 812 will dissolve rapidly after addition of water to the dry mix.

Packaging and Storage

BERMOCOLL CCM 812 is packed in multiply paper bags with an inner polyethylene bag. Net weight 20 kg (approx 44 lbs). 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.

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BERMOCOLL