

Product Information

BERMOCOLL[®] CCA 328

BERMOCOLL CCA 328 is a highly modified non-ionic, water soluble cellulose ether, intended as a water retaining and consistency improving additive to gypsum based mortars.

Specifications

BERMOCOLL CCA 328 is a modified high viscosity grade of ethyl hydroxyethyl cellulose.

Physical data

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

Characteristics of aqueous solutions

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| Surface activity | weak |
| Viscosity at 20°C (Brookfield LV) 1 % solution | 5 000 – 7 000 mPa·s |

Applications

BERMOCOLL CCA 328 is used in gypsum based mortars for improvement of workability, consistency, and water retention, leading to a prolongation of the open time. BERMOCOLL CCA 328 effectively counteracts the sagging tendency of glue. BERMOCOLL CCA 328 should be admixed in dry form before the water is added. Normal dosage is 0.2 - 0.6 % depending on type of mortar. Due to its small particle size BERMOCOLL CCA 328 will dissolve rapidly after addition of water to the dry mix.

Safety instructions, packaging and storage

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 328 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 328 can be stored for several years. In opened bags, the moisture content of BERMOCOLL CCA 328 will be influenced by the air humidity.

At the temperatures above 250°C (480°F), charring of BERMOCOLL CCA 328 will occur. At high temperatures and in contact with an open flame, BERMOCOLL CCA 328 will burn slowly with the characteristics of cellulose.

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