Akzo Nobel
Functional Chemicals AB
Cellulosic Specialties

Product Information

AkzoNobel
Tomorrow's Answers Today

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

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

Characteristics of aqueous solutions

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.

Packaging and Storage

BERMOCOLL CCA 328 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 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.

CCD 7403

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