Akzo Nobel
Functional Chemicals AB
Cellulosic Specialties

Product Information

AkzoNobel
Tomorrow's Answers Today

BERMOCOLL CCA 098

BERMOCOLL CCA 098 is a modified non-ionic, water soluble cellulose ether. It improves the consistency and the water retention of cement based mortars.

Specifications

BERMOCOLL CCA 098 is a modified, high viscosity grade of ethyl hydroxyethyl cellulose.

Physical data

Appearance	whitish powder
Particle size	98 % < 500 µm
Water content	max 4 %

Characteristics of aqueous solutions

pH (1 % solution)	neutral
Surface activity	weak
Viscosity at 20°C (Brookfield LV)	
1 % solution	8,000 – 12,000 mPa·s

Applications

BERMOCOLL CCA 098 is used in cement based tile fix and joint mortars for improvement of workability, consistency, and water retention. It prolongs the open time, and improves the final adhesion and strength.

BERMOCOLL CCA 098 should be admixed to the mortar in dry form before the water is added. Normal dosage is 0.3 - 0.5 % calculated on the dry mortar weight.

BERMOCOLL CCA 098 is also used as a thickener for water based systems when extremely high viscosity is required.

The dissolving time of BERMOCOLL CCA 098 is influenced by the pH of the solution.

Packaging and Storage

BERMOCOLL CCA 098 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 re-cycled or burned. In unopened bags, BERMOCOLL CCA 098 can be stored for several years. In opened bags, the moisture content of BERMOCOLL CCA 098 will be influenced by the air humidity.

At the temperatures above 250°C (480°F), charring of BERMOCOLL CCA 098 will occur. At high temperatures and in contact with an open flame, BERMOCOLL CCA 098 will burn slowly with the characteristics of cellulose.

CCD 5309

BERMOCOLL