



## BERMOCOLL BCM 108

BERMOCOLL BCM 108 is a modified non-ionic, water soluble cellulose ether, intended as a water retaining and consistency improving additive to cement and gypsum based mortars.

BERMOCOLL BCM 108 contains methyl, ethyl and hydroxyethyl substituents giving a unique balance between workability and strength.

### Specifications

BERMOCOLL BCM 108 is a modified high viscosity grade of methyl ethyl hydroxyethyl cellulose.

#### Physical data

Appearance	whitish powder
Particle size	98 % < 600 µm
Water content	max 5 %

#### Characteristics of aqueous solutions

pH (1 % solution)	neutral
Surface activity	weak
Viscosity at 20°C (Brookfield LV) 1 % solution	1,100 – 1,500 mPa·s

### Applications

BERMOCOLL BCM 108 is used in tile fix and joint mortars for improvement of workability,

consistency, water retention and adhesion. Normal dosage in mortar is 0.3 - 0.7 % calculated on the dry mortar weight. BERMOCOLL BCM 108 effectively counteracts the slip tendency of tiles and sagging of joint mortars.

BERMOCOLL BCM 108 is intended for dry mixing with other powder materials and should not be used for direct dissolving in water.

### Packaging and Storage

BERMOCOLL BCM 108 is packed in multiply paper bags with an inner polyethylene bag. Net weight 15 kg. We recommend emptying the bags from the bottom. The empty bags can be recycled or burned. In unopened bags, BERMOCOLL BCM 108 can be stored for several years. In opened bags, the moisture content of BERMOCOLL BCM 108 will be influenced by the air humidity.

At the temperatures above 250°C (480°F), charring of BERMOCOLL BCM 108 will occur. At high temperatures and in contact with an open flame, BERMOCOLL BCM 108 will burn slowly with the characteristics of cellulose.



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