



## BERMOCOLL M 10

BERMOCOLL M 10 is a non-ionic, water soluble cellulose ether intended as a water retaining and consistency improving additive to cement based mortars.

BERMOCOLL M 10 contains methyl, ethyl and hydroxyethyl substitution giving a unique balance between workability and strength.

### Specifications

BERMOCOLL M 10 is a medium viscosity grade of methyl ethyl hydroxyethyl cellulose.

#### Physical data

Appearance	whitish powder
Particle size	98 % < 600 µm
Water content	max 5 %
Salt content	max 6 %

#### Characteristics of aqueous solutions

pH (1 % solution)	neutral
Surface activity	weak
Viscosity at 20°C (Brookfield LV) 1 % solution	750 – 1,200 mPa·s

### Applications

BERMOCOLL M 10 is used in cement-based tile fix and joint mortars for improvement of workability, consistency, water retention and adhesion.

Normal dosage in mortars is 0.3 - 0.7 % calculated on the dry mortar weight.

BERMOCOLL M 10 is intended for dry mixing with other powder materials and should not be used for direct dissolving in water.

### Packaging and Storage

BERMOCOLL M 10 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 M 10 can be stored for several years. In opened bags, the moisture content of BERMOCOLL M 10 will be influenced by the air humidity.

At the temperatures above 250°C (480°F), charring of BERMOCOLL M 10 will occur. At high temperatures and in contact with an open flame, BERMOCOLL M 10 will burn slowly with the characteristics of cellulose.

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