

Product Information

BERMOCOLL[®] MT 500

BERMOCOLL[®] MT500 is a strongly modified non-ionic, water soluble cellulose ether, intended as a water retaining and consistency improving additive to cement based mortars. **BERMOCOLL[®] MT 500** contains methyl, ethyl and hydroxyethyl substituents giving unique balance between workability and strength.

Specifications

BERMOCOLL[®] MT 500 is a high modified low 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)	7.5 – 8,5
Surface activity	weak
Viscosity at 20°C (Brookfield LV)	
2 % solution	3,000 – 6,000 mPa's

Applications

BERMOCOLL[®] MT 500 is used in high quality cement based tile-fix for improvement of workability, consistency, slip resistance, skin formation, open time, water retention and adhesion.

Normal dosage in mortar is 0,4 – 0,6 % calculated on the dry mortar weight. **BERMOCOLL[®] MT 500** very effectively counteracts the slip tendency of tiles. **BERMOCOLL[®] MT 500** is intended for dry mixing with other powder materials and should not be used for direct dissolving in water.

Packaging and Storage

BERMOCOLL[®] MT 500 is packed in multi-ply 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[®] MT 500** can be stored for several years. In opened bags, the moisture content of **BERMOCOLL[®] MT 500** will be influenced by the air humidity.

At the temperatures above 250°C (480°F), charring of **BERMOCOLL[®] MT 500** will occur. At high temperatures and in contact with an open flame, **BERMOCOLL[®] MT 500** will burn slowly with the characteristics of cellulose.

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