

BERMOCOLL ME 1000 X

BERMOCOLL ME 1000 X is a non-ionic, water soluble cellulose ether. It improves the water retention, the consistency and the stability of water based products.

Specifications

BERMOCOLL ME 1000 X is a high viscosity grade of methyl ethyl hydroxyethyl cellulose.

Physical data

Appearance	whitish powder
Particle size	98 % < 450 µm
Water content	max 4 %
Salt content	max 6 %

Characteristics of aqueous solutions

pH (1 % solution)	neutral
Surface activity	weak
Viscosity at 20°C (Brookfield LV)	
1 % solution	11.000 – 14000 mPa·s

Applications

BERMOCOLL ME 1000 X is used in cement-based tile fix and joint mortars for improvement of water retention, workability, consistency and adhesion. Normal dosage in mortars is 0.2 - 0.4 % calculated on the dry mortar weight.

BERMOCOLL ME 1000 X can also be used in gypsum-based glues and crack fillers. For this application, a suitable concentration is 0.3 - 0.5 %.

BERMOCOLL ME 1000 X should be admixed in dry form before the water is added. Due to its particle size BERMOCOLL ME 1000 X will dissolve rapidly after addition of water to the dry mix.

Packaging and Storage

BERMOCOLL ME 1000 X is packed in plastic bags. Net weight 20 kg (approx. 44 lbs). The empty bags can be recycled or burned. In unopened bags, BERMOCOLL ME 1000 X can be stored for several years. In opened bags, the moisture content of BERMOCOLL ME 1000 X will be influenced by the air humidity.

At temperatures above 250°C (480°F), charring of BERMOCOLL ME 1000 X will occur. At high temperatures and in contact with an open flame, BERMOCOLL ME 1000 X will burn slowly with the characteristics of cellulose.

CCD1512



No representation or warranty, expressed or implied, is made as to the accuracy or completeness of the information or data contained herein and AkzoNobel Functional Chemicals shall have no obligation or liability whatsoever with respect to any such information or data, including, but not limited to, any liability for infringement of patent or other industrial property rights. AkzoNobel Functional Chemicals disclaims all implied warranties of merchantability and fitness for a particular purpose. AkzoNobel Functional Chemicals shall in no event be liable for incidental or consequential damages, including, without limitation, lost profit, loss of income, loss of business opportunity and any other related costs and expenses.