

## Product Information

# BERMOCOLL<sup>®</sup> E 230X

BERMOCOLL E 230 X is a non-ionic, water soluble cellulose ether. It improves the consistency, the stability, and the water retention of water based products.

### Specifications

BERMOCOLL E 230 X is low viscosity grade of ethyl hydroxyethyl cellulose.

#### Physical data

Appearance	whitish powder
Particle size	98 % < 425 µm
Water content	max 5 %
Salt content	max 5 %

#### Characteristics of aqueous solutions

pH (1 % solution)	neutral
Surface activity	weak
Viscosity at 20°C (Brookfield LV) 2 % Solution	260 - 360 mPa·s

### Applications

BERMOCOLL E 230 X is used for thickening and stabilizing effects in mortars and other building glues.

BERMOCOLL E 230 X is also used as a dispersing, binding and stabilizing agent for powder materials dispersed in water.

The simultaneous viscosity increase is moderate. Normal dosage is 0.4 - 0.8 % calculated on the dry mortar weight.

BERMOCOLL E 230 X is also used in gypsum based crack fillers. For this application, a suitable concentration is about 1 %.

BERMOCOLL E 230 X is intended for dry mixing with other powder materials and should not be used for direct dissolving in water.

### Safety instructions, packaging and Storage

Like many industrial processed powdery materials, cellulose ether dusts are combustible and can cause dust explosions. Dust formation must be avoided or kept to a minimum. Care should be taken to prevent ignition from heat, spark, open flames or hot surface.

BERMOCOLL E 230 X is packed in polyethylene plastic 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 E 230 X can be stored for several years. In opened bags, the moisture content of BERMOCOLL E 230 X will be influenced by the air humidity.

At the temperatures above 250°C (480°F), charring of BERMOCOLL E 230 X will occur. At high temperatures and in contact with an open flame, BERMOCOLL E 230 X will burn slowly with the characteristics of cellulose.

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