



BERMOCOLL M 30 Q

BERMOCOLL M 30 Q is a non-ionic, water soluble cellulose ether intended as a water retaining and consistency improving additive to cement based mortars. Bermocoll M 30 Q contains methyl, ethyl and hydroxyethyl substituents giving a unique balance between workability and strength.

Specifications

BERMOCOLL M 30 Q is a high 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	2,500 – 3,500 mPa·s

Applications

BERMOCOLL M 30 Q is used in cement-based 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 M 30 Q is easily dispersed in cold water of pH 7 or less. BERMOCOLL M 30 Q can form lumps when added to an alkaline liquid. To avoid this, it should be added as a ready stock solution, as a slurry in slight acid water or in an organic solvent, or as a dry mix with other powder materials.

The dissolving time after dispersion is influenced by the water pH. Alkaline additives can be used to speed up the dissolving process.

Packaging and Storage

BERMOCOLL M 30 Q 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 30 Q can be stored for several years. In opened bags, the moisture content of BERMOCOLL M 30 Q will be influenced by the air humidity.

At the temperatures above 250°C (480°F), charring of BERMOCOLL M 30 Q will occur. At high temperatures and in contact with an open flame, BERMOCOLL M 30 Q will burn slowly with the characteristics of cellulose.

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