

## Technical Data Sheet



### MelaColl™ ME45000

#### Hydroxyethyl Methylcellulose

##### Product Description

MelaColl™ ME45000 is a non-ionic, water soluble cellulose ether which has high heat resistance and offers a variety of functional properties when dissolved in water. It can be used as thickeners, binders, surfactants, protective colloids, suspending agents and water retention agents in many construction materials.

Specifications and Characteristics	
Appearance:	white or off-white powder
Moisture:	≤5%
Ash:	≤5%
Etherification(MS/DS):	0.8-1.2/1.8-2.0
pH value:	6-8
Particle size:	99% pass 80 mesh
Gel temperature:	70-85°C
Viscosity:	40,000-55,000 mPa.s (Brookfield RV, 2%)
Delayed solubility:	No
Final consistency:	Moderate
Sag resistance:	Good
Thickening effect:	Moderate

##### Recommend Applications

Tile adhesive  
Cement Plaster  
Wall putty  
Grouts (Joint Filler)  
Masonry Mortar  
ETICS/EIFS  
Gypsum-based Applications

##### Packaging & Storage

Multi layer paper bag with PE-liner  
25kg/bag, 500kg/ pallet  
10MT/20FCL palletized  
Store in cool and dry conditions

##### Shelf Life

The shelf life is 2 years. If over 2 years, please test and confirm the quality before using.

This information is based on our present state of knowledge and is intended to provide general notes about our products and their use only. It should not therefore be construed as guaranteeing the consistence or permanency of the products or specific properties of the products described or their suitability for a particular application. Any existing industrial property rights must be observed. The quality of our products is guaranteed under our General Conditions of Sale.