

Technical Data Sheet



MelaColl™ MP45000

Hydroxypropyl Methylcellulose

Product Description

MelaColl™ MP45000 is a non-ionic, water soluble cellulose ether which 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 %
Methoxy content:	19-24 %
Hydroxypropyl content:	4-12 %
pH value:	6-8
Particle size:	99% pass 80 mesh
Viscosity:	40,000-55,000 mPa.s (Brookfield RV, 2%)
Delayed solubility:	No
Final consistency:	Moderate
Sag resistance:	Moderate
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.