

Cellulose Ether (Landercoll™ K100H)

Chemical Name: Hydroxypropyl Methyl Cellulose (HPMC)

Technical Data Sheet (TDS)

Description

Landercoll K100H is a kind of cellulose ether HPMC specifically designed for use in External Insulation and Finishing Systems (EIFS) and standard tile adhesives. It enhances the workability, water retention, and open time of the formulations, ensuring better adhesion, increased durability. Its excellent consistency control and stability make it ideal for optimizing the application of EIFS and tile adhesives in construction.

Specification

Items	Specification
Appearance	white or off-white powder
Bulk Density	300-500kg/m ³
Moisture content	≤5.0%
Ash content	≤5.0%
Viscosity	85,000-110,000 mPa.s (NDJ-1, 2%)
Viscosity	45,000-60,000 mPa.s (Brookfield-RV, 2%)
PH Value	6.0-8.0
Particel Size	98% pass 80 mesh

Fields of application

- ✓ External Insulation and Finishing Systems (EIFS)
- ✓ Cement Tile Adhsives (Standard)

Features and benefits

- ✓ Delayed solubility(surface treated): no
- ✓ Good water retention and open time
- ✓ Increased Adhesion: Ensures strong bonding between surfaces
- ✓ Improved Consistency: Ensures uniform texture and consistency throughout the mix for precise application and finishing.

Packing

25 kg / paper bag (Support neutral bag/blank bag/OEM bag)

500 or 600kg/pallet

20'FCL capacity: 10MT with pallets

40'FCL capacity: 22 MT or 24MT with pallets

Storage and Shelf life

Store products in their original packaging in a dry, clean environment, away from heat sources. While this product maintains efficacy well, its hydrophilic nature means it can slowly absorb moisture in sub-optimal storage conditions. Ensuring tightly sealed packaging to prevent moisture intrusion if not fully utilized.

Shelf-life time is 2 years stored under the right conditions.

Transport Regulation

Not known as a dangerous goods according to transport regulations.