

LANDERCOLL™ K100

Hydroxypropyl Methyl Cellulose (HPMC)

Technical Data Sheet

Description

LANDERCOLL™K100 is a non-ionic, water soluble cellulose ether, which offers a variety of functional properties when dissolve in water. It can be used as thickeners, protective colloids, suspending agents and water retention agents in many construction materials.

Product Specifications

Appearance:	white or off-white powder
Moisture content:	≤6 %
Ash content:	≤5 %
Gel temp.:	60-80 °C
Methoxy content:	19-24 %
Hydroxypropyl content:	4-12 %
pH value:	6-8
Particle size:	90% pass 80 mesh
Viscosity	85,000-110,000 mPa.s (NDJ-1, 2% solution, 20°C)
	45,000-60,000 mPa.s (Brookfield-RV, 2% solution, 20°C)

Recommend Applications

Skim coat/ wall putty (putty powder)
Cement base plasters/renders
Gypsum base plasters/renders
Crack filler/ tile grout
Repair mortar
Spray mortar

Typical Properties

1. Delayed solubility(surface treated): No	4. Sag resistance: moderate
2. Water retention: high	5. Bonding strength: moderate
3. Heat resistance: standard	6. Workability: excellent

Packing & Storage

1. Multi layer paper bag with inner PE film
2. 25kg/bag, 500kg/ pallet
3. 10MT/ 20GP', 22MT/ 40HQ'
4. Netural package available, OEM brand available
5. Store in cool, dry, and clean conditions, keep away from heat.

Shelf Life

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