

# Cellulose Ether (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 dissolved 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 %
Methoxy content:	19-24 %
Hydroxypropyl content:	4-12 %
pH value:	6-8
Particle size:	100% pass 80 mesh
Viscosity	85,000-110,000 mPa.s (NDJ-1, 2% solution, 20℃)
	45,000-60,000 mPa.s (Brookfield-RV, 2% solution, 20℃)

### Recommend Applications

Skim coat/ wall putty (powder form )
Cement base plasters/renders
Gypsum base plasters/renders
Repair mortar

### Typical Properties

1. Delayed solubility(surface treated): No	4. Sag resistance: moderate
2. Consistency development: very fast	5. Heat resistance: standard
3. Final consistency: moderate	6. Workability: excellent

### Packing & Storage

1. Multi layer paper bag with inner PE film
2. 25kg/bag, 500 or 600kg/ pallet
3. 20' container: 10 Tons, 40' container: 22 Tons (with pallet)
4. Neutral or blank bag available, OEM brand available
5. 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.