

# LANDERCOLL™ EM100

## Hydroxyethyl Methyl Cellulose (MHEC/HEMC)

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### Technical Data Sheet

#### Description

LANDERCOLL™EM100 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 %
Etherification(MS/DS):	0.8-1.2/1.8-2.0
pH value:	6.0-8.0
Gel Temp.:	75-90℃
Particle size:	90% 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 (putty powder )
Cement base plasters/renders
Gypsum base plasters/renders
Crack filler/ tile grout
Repair mortar

#### Typical Properties

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