TECHNICAL DATA SHEET

KEMICELL 80.000

CELLULOSE ETHER

CHEMICAL NAME

Hydroxypropyl methylcellulose (HPMC).

PROPERTIES AND APPLICATIONS

Kemicell 80.000 is a high-viscosity cellulose ether that acts as a water-retention agent, controlling cement hydration and increasing mortar wetting. It improves consistency, workability, and substrate adhesion, increases the open time of fresh mortar, and reduces sag.

	Applications	Recommendation
Installation	Adhesive mortar (all applications)	●●
	Spray-applied mortar	●
Technical Mortar	Repair mortar	●●
	Scratch coat (chapisco)	●●

●● Highly Recommended ● Recommended

HANDLING

Handling must take place in a dry, well-ventilated area. Wear a dust mask and protective gloves.

PHYSICOCHEMICAL CHARACTERISTICS

Analysis Item	Unit	Specification	Test Method
Visual appearance	-	Slightly yellowish fine powder	-
Solubility	-	Soluble in water	-
Moisture	%	Max. 8	MIA LQ 06
Density	(g/L)	400 - 500	MIA LQ 02
pH (1% solution)	-	6.0 – 8.0	MIA LQ 05
Viscosity	cPs	70,000 – 80,000	MIA LQ 01

PACKAGING AND STORAGE

The product remains stable for 18 months when stored in a cool, ventilated place. Keep the product in tightly closed bags at all times, as it is hygroscopic. The product is supplied in 25 kg multilayer bags.

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