



Technical Data Sheet

CELPOLY[®] P200H

Cellulose Ether Hydroxypropyl Methyl Cellulose

CELPOLY[®] P200H is multifunctional additive for ready-mixes and dry-mix products. It is a high efficient water retention agent, thickener, stabilizer, adhesive, film-forming agent in building materials.

Product Properties

Constitution	Hydroxypropyl Methyl Cellulose		
Appearance	White powder	Delayed solubility	No
Etherification	Standard	Ionicity	None

Product Specification

Ash content	≤3.0 %	Moisture	≤5.0 %
Gelling Tem.	70-90 °C	PH Value	6.0-8.0
Viscosity	180,000-230,000	Methoxyl content	19.0-24.0 %
2% water solu., at 20 °C, NDJ-4,mPa.S		Hydroxypropyl cont.	4.0-12.0 %

CELPOLY[®] P200H increases open time and impart workability, lubricity, shrink and crack resistance, void reduction and adhesion.

Recommended Application

Cement-based tile adhesive (Basic & Standard)
Plasters (Cement based & Gypsum based)
Gypsum based joint filler, Thin layer plasters (gypsum based)

Packing

CELPOLY[®] is packed in 25 kg multilayer paper bag with intermediate layer and inner P.E. bag.

Storage and Safety instructions

When stored in closed containers, or in its original packaging in a dry place at room temperature, CELPOLY[®] can be kept for a long time. In the case of high viscosity grades, a slow loss of viscosity can be measured after lengthy storage (>1 year). CELPOLY[®] absorbs water from moist air. Once opened, package must be resealed and kept tightly closed.

Cellulose ethers constitute a dust explosion hazard. Dust formation and deposits must be kept to a minimum so that no ignitable dust/air mixtures can form. Ignition sources such as naked flames, hot surfaces, spark and static electricity should be avoided. CELPOLY[®] starts to decompose at about 200°C. Its ignition temperature is >360°C. It burns easily and the fire may spread.