



Technical Data Sheet

CELPOLY[®] P200HS

Cellulose Ether Hydroxypropyl Methyl Cellulose

CELPOLY[®] P200HS 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 | Yes |
| 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[®] P200HS increases open time and impart workability, lubricity, shrink and crack resistance, void reduction and adhesion.

Recommended Application

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| 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.