Hebei Derek Chemical Limited
Address: 303 Heping Road East Road, Shijiazhuang City, Hebei Province China
Tel: 0086-311-85390182 Fax: 0086-311-85390182

DRK® 7500S
Cellulose Ether

Technical Data Sheet

Application scope

DRK® 7500S cellulose ether is a kind of non-ionic, water-soluble polymer powder that is used to improve working ability of gypsum dry- mix such as:

- Tile cement
- Dry-Mixed Mortar
- Gypsum putty/plaster

Recommended dosage of total dry mixed mortar

- 0.20%-0.3%

Typical performance

- ✔ Good water retention
- ✔ Good sag resistance
- ✔ Excellent workability
- ✔ Thickening quickly
- ✔ long open time

Storage and delivery

DRK® 7500S cellulose ether belongs to hygroscopic and hydrophilic polymer powder, so it should be stored and delivered under dry and clean conditions in its original package form and away from heat. After the package is opened for production, tight re-sealing must be taken to avoid ingress of moisture.

Shelf life

At least 2 years under cool and dry condition. For material storage over shelf life, quality confirmation test should be done before use.

Typical properties

Grade	DRK®7500S
Chemical name	HYDROXYPROPYL METHYL CELLULOSE
Bulk density (kg/m^3)	250-500
Particle size	Fine Powder
Moisture content (max, %)	≤5％
Viscosity (mPa·s)	≥75000

Note

1) 2% solution, Brookfield RV, 20rpm, 20°C.
2) 2% water solution viscosity @20oC with NDJ-1 viscometer, #4 spindle @6rpm according to JC/T2190-2013.