

# LK5M

## Hydroxypropyl methyl cellulose HPMC

### Product Description

Hydroxypropyl Methyl Cellulose Ether LK5M 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 Specification

Appearance	White freely flowing powder
Bulk density	19~38(0.5~0.7) (lb/ft <sup>3</sup> ) (g/cm <sup>3</sup> )
Methyl content	19.0-24.0 (%)
Hydroxypropyl content	4.0-12.0 (%)
Gelling temperature	70-90 (°C)
Moisture content	≤5.0 (%)
PH Value	5.0-9.0
Residue(Ash)	≤5.0 (%)
Viscosity(2%solution)	5000 ( mPa.s, Brookfield 20rpm 20°C Solution ) - 10%, +20%
Package	25 (Kg/bag)

### Applications

- Ceramic tile adhesive
- Cement grout
- Cement grout
- Dry-mix mortar that requires flowability

### Benefits

- Standard open time
- Standard water retention
- Sufficient tensile adhesion strength
- Improve workability

### Announcements

#### •Storage and delivery

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

The warranty period is two years. Use it as early as possible under high temperature and humidity, so as not to

increase the probability of caking.

•Product safety

Hydroxypropyl methyl cellulose HPMC LK5M does not belong to hazardous material. Further information on safety aspects is given in Material Safety Data Sheet.

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**Statement:**

All of data, suggestions, and proposals presented here are based on our current knowledge and experience in raw materials and application technologies, which do not exclude the responsibility of users to scrutinize the quality of all received products. Because we are out of control of quality in users' raw materials, production and application methods, service conditions as well as local standards, our suggestions and proposals do not imply any guarantee and promise for end product's quality. The users should be responsible for formulation adjustment according to real conditions to meet project quality requirements.

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