WOTAIchem™ Technical Data Sheet

WOTAIchem™ HPMC TB50E

Hydroxypropyl methyl cellulose ether

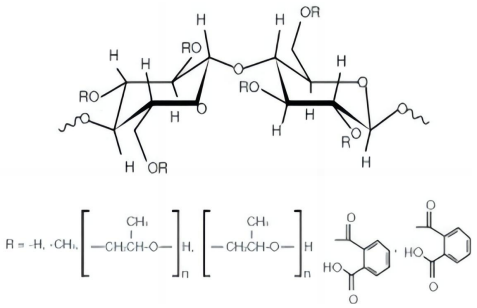
Product description

WOTAIchem™ HPMC TB50E is premium modified product. Our modified grades are meticulously engineered through chemical reactions or physical blending of organic and inorganic additives.WOTAIchem™ HPMC TB50E is used to improve the workability of cementitious and gypsum-based dry mix mortars for plastering. It offers the following unique advantages: excellent water retention, suitable open time, excellent workability and excellent anti-sagging properties.

Specifications and characteristics

Chemical type: Hydroxypropyl methyl cellulose ether Modified Grade

Chemical Structure:



Appearance	white or off-white powder
Methoxy content:	22-28 %
Hydroxypropyl content:	9-13 %
pH value:	5-8.5
Particle size:	99% pass 177μm (ASTM Mesh No.80)
Viscosity:	35,000-50,000 mPa.s (Brookfield RV, 2%)
Bulk density:	200-500 g/L
Moisture:	max 7.0%
Solubility:	No-delayed solubility
Degree of substitution:	H
Properties	excellent water retention , excellent workability, excellent anti-sagging

Recommend Applications

Wall putty,
Cement plaster,
Waterproofing mortar,
Exterior wall insulation system mortar plastering anti-cracking mortar,
Gypsum plaster mortar ,
Tile Grout ,
Joint Gypsum ,
Interface treating agent for concrete
Decorative render and plaster for wall

Please note that the viscosities and other values shown are typical values for your guidance.
They are not to be taken as specifications and are subject to certain variability.

Packaging

Net multi-layer paper 25kg bag with polyethylene inner liner
500-600 KGS packed in one pallet.
20 Pallets in all for 20ft FCL .

Storage

Store in cool and dry conditions in its original packaging due to its hygroscopic properties. Dust of WOTAIchem™ HPMC is capable of exploding. Store aware from heats, sparks and fires, do not expose it directly to high temperatures as to avoid explosion due to dust.

Shelf Life

The shelf life is 2 years. If over 2 years, please test and confirm the quality before using.

For further information on safety, refer to the Material Safety Data Sheet (MSDS) or contact WOTAIchem™ sales representatives directly. All rights reserves by marketing & sales dept. of Yuanwang group.

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