

## Product description

[China Hydroxypropyl methyl cellulose \(manufacturer\)](#) is a non-ionic cellulose ether made from natural cotton fiber through a series of chemical processing. They are an odorless, tasteless, non-toxic, off-white powder, which can be dissolved in cold water and organic solvents to form a transparent viscous solution with thickening, bonding, dispersion, emulsification, film formation, suspension and adsorption, gel, surface activity, moisture retention and protective colloid properties.

[China HPMC Cellulose powder \(supplier\)](#) is a very important component in building materials that provides better water retention, strength and adhesion to cement, lime and gypsum based products.

HPMC powder make it impossible to industrialize high quality mortars.



WeiCel HPMC has excellent homogeneity, and its methoxy and hydroxypropoxy groups are evenly distributed along the cellulose chain, which increases the ability of the oxygen atoms on the hydroxyl and ether bonds to form hydrogen bonds with water, turning free water into bound water, thus effectively controlling the evaporation of water caused by high temperature, and achieving high water retention. HPMC can evenly and effectively disperse in cement mortar and gypsum-based mortar, and encapsulate all solid particles, and form a layer of wetting film, the water in the mortar gradually released for a long time, and react with inorganic cementitious materials to ensure the bond strength and compressive strength of the material, so as to ensure the bond strength and compressive strength of the material.

## Advantages

- Improve construction efficiency and mechanical application to save time materials ;
- Produce high quality mortars that give them new functions ;
- Improve the adaptability of mortars to environment in site.



**Better sag resistance.**  
**Longer open time.**  
**Longer adjusting time.**



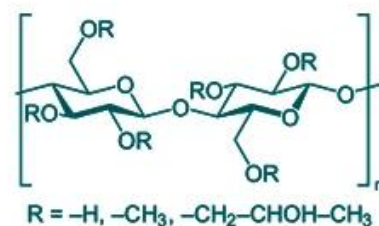
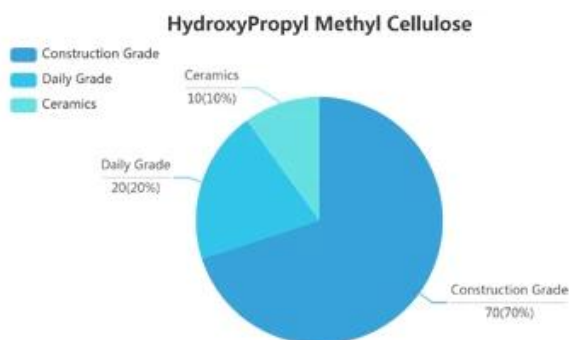
**High water retention.**  
**Fast dissolution speed.**  
**Good adhesion.**



**Easy trowelling.**  
**Crack resistance.**  
**Excellent water retention.**

## Application

HPMC is widely used in the construction industry, ceramics manufacturing, coating industry, ink printing, plastics, pharmaceutical industry, cosmetics industry, etc.





# HPMC APPLICATION



Daily Grade	Cosmetic	PHF40 PL40	
	Laundry Detergent/Shampoo	PHF2024T PH2028T	
	Gel	MH1510	
	Hand Washing Gel	MH1510 PHF2000T	
Paint	Water Based Paint	PH400T PH600T PHF400T PHF600T	
Ceramics	Ceramic Extrusion	PHF40 PHF100	
	Cement Extrusion	PH1014 PL1026	
Construction Grade	Putty	Cement Based Self-Leveling	MH004
		Outwall Putty	PH1054 PH1086PHF1514 PHF1526
		Inner Wall Putty	PL1584 PL1516PH1054 PH1086
	Tile Adhesive	Tile Adhesive	PH1554 MHF1516 MH2014
	Mortar	Finishing Mortar	ML1014 ML1026 MH1524 PH1554 MHF1516
		Masonry Mortar	MH100 ML100
	Gypsum Plaster	Gypsum Based Mortar	MH300 MH400
		Gypsum Based Self-Leveling	MH004
		Gypsum Based Putty	MH312 MH300 MH700
		Gypsum Adhesive	MHF300 ML300 MH814
		Gypsum Joint compound	MHF400 MH300 ML614 PH826