

HPMC application

1. Building industry: as the water-retaining agent and retarding agent of cement mortar, the mortar has the pumping ability. Use mortar, gypsum, putty powder or other building materials as adhesives to improve the applicability and prolong the operation time. Use as paste ceramic tile, marble, plastic adornment, paste enhancement agent, still can reduce cement dosage. HPMC's water retention performance ensures that the slurry will not dry too fast and crack, enhancing the strength after hardening.
2. Ceramics manufacturing: widely used as adhesives in the manufacture of ceramic products.
3. Coating industry: as thickener, dispersant and stabilizer in the coating industry, it has good solubility in water or organic solvents. As a paint remover.
4. Ink printing: as thickener, dispersant and stabilizer in ink industry, it has good solubility in water or organic solvent.
5. Plastic: forming mould release agent, softener, lubricant, etc.
6. Polyvinyl chloride: as a dispersant in PVC production, the main additive of PVC is prepared by suspension polymerization.
7. Other: this product is widely used in leather, paper products, fruit and vegetable preservation and textile industry.
8. Pharmaceutical industry: coating materials; Membrane material; Controlled speed polymer materials for sustained-release preparations; Stabilizing agent; Suspended aid; Tablet adhesive.

In building industry:

1. Cement mortar: improve the dispersibility of cement and sand, greatly improve the plasticity and water retention of mortar, and improve the strength of cement.
2. Ceramic tile cement: to improve the plasticity, water retention and glue relay of ceramic tile mortar, to prevent powder.
3. Coating of fireproof materials such as asbestos: as suspension agent, fluidity improver, and improved adhesive relay on basement.
4. Gypsum coagulation paste: improve the water retention and processing, and improve the adhesion of the base.
5. Seam cement: added to cement paste used in gypsum board to improve liquidity and water retention.
6. Latex putty: improve the liquidity and water retention based on resin emulsion.
7. Mortar: as a substitute for the paste, it can improve the water retention and improve the adhesion of the base.
8. Coating: as a plasticizer for latex coating, it is useful for improving the operation performance and liquidity of the coating and putty powder.
9. Spraying coating: it has good effect to prevent the cement or latex coating from being sprayed to sink and improve fluidity and spray pattern.
10. Secondary products of cement and gypsum: as the cement and asbestos system, the pressure of the hard material is used to form the binder, which improves the fluidity, and can get the homogenous molding products.
11. Fiber wall: because of the anti-bacterial action of the anti-enzyme, as the adhesive of sand wall is effective.
12. Other: a bubble retention agent that can be used as a thin paste sand mortar and a muddy water operator (PC version).

