

# GinShiCel MH 117-X

## Technical Data Sheet

GinShiCel MH 117-X is a non-ionic, water soluble cellulose ether. It improves the consistency, the stability, and the water retention of water based products.

### *Specifications*

GinShiCel MH 117-X is a medium viscosity grade of Hydroxy Propyl Methyl Cellulose, also known as HPMC / MHPC.

### *Physical data*

Appearance: Whitish powder or granules

Particle size: 99% < 250 $\mu$ m

Water Content: Max 5%

Ash Content: Max 6%

Methoxyl Content: 19-24%

Hydroxypropyl Content: 4-12%

### *Characteristics of aqueous solutions*

pH (2% solution): Neutral

Viscosity (2% solution) cps: 35000 ~ 40000

GinShiCel MH 117-X can be directly mixed with other dry-mix materials. Alternatively, this product can be added to hot water to aid dissolution then allowed to cool to hydrate.

### *Modification*

Extended Open Time

### *Typical Applications*

- Tile adhesive
- Special paint
- Wall putty or skim coating

### *Packaging and Storage*

The product is packed in multi-layer paper bags with an inner polyethylene bag. Net weight 25KG. The empty bags can be recycled or burned. In unopened bags, this product can last several years. In opened bags, the moisture content of this product will be influenced by air humidity. See MSDS for information on handling, transportation, and storage of the product.

### *CAS Number*

9004-65-3

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