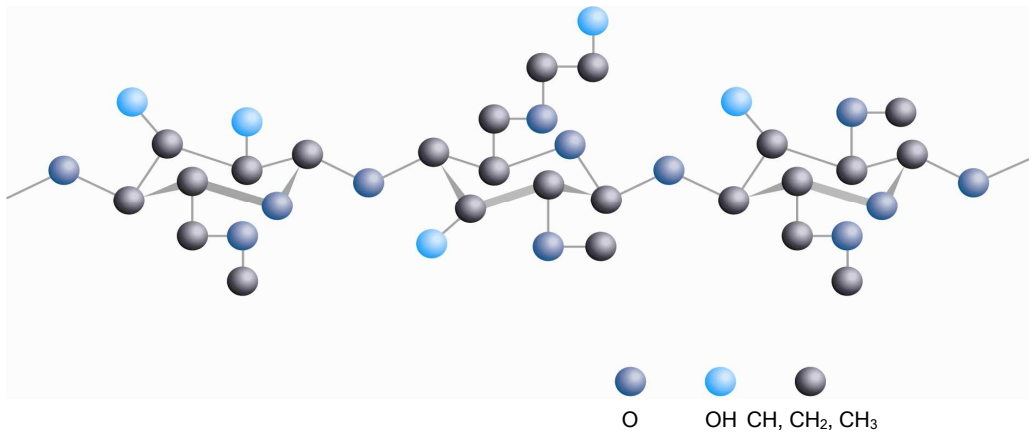


# Tylose<sup>®</sup> MH 4000 KG4

Technical Data Sheet



| Product properties |                               |   |            |
|--------------------|-------------------------------|---|------------|
| Constitution:      | Methyl hydroxyethyl cellulose |   |            |
| Appearance:        | granule                       | Delayed solubility:                         | yes        |
| Etherification:    | standard etherification       | Biostability:                               | yes        |
| Particle size:     | granule                       | Level of viscosity:<br>according to Höppler | 4000 mPa·s |

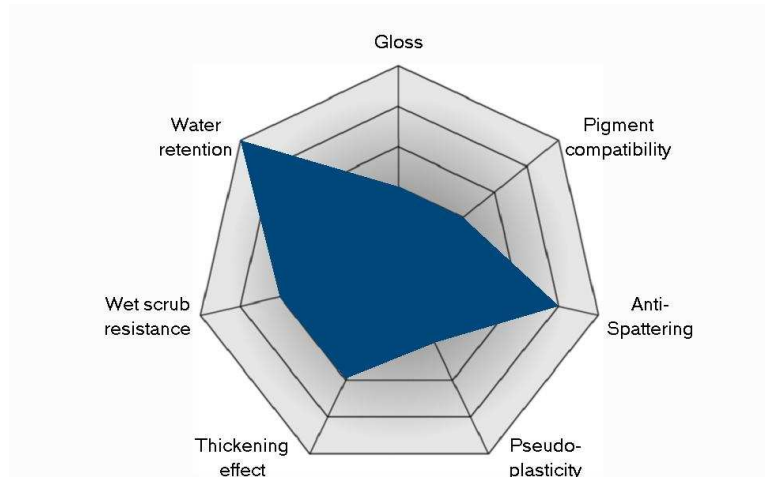
| Product specification                    |                     |
|--|---------------------|
| Moisture:                                | ≤ 10 %              |
| Content of NaCl:                         | ≤ 1.5 %             |
| Particle size:                           | < 500 µm: min. 90 % |
| Particle size:                           | < 125 µm: max. 30 % |
| Viscosity:                               | 3800 - 5300 mPa·s   |
| Brookfield RV, 20rpm, 1.9%, 20°C, 20° GH |                     |

| Recommended fields of application |
|-----------------------------------|
| Solid paints                      |
| Powder paints                     |
| Limewash paints                   |
| Cement paints                     |
| Distempers                        |
| Emulsion based plasters           |
| Emulsion based tile adhesives     |
| Wall paper paste                  |

This information is based on our present state of knowledge and is intended to provide general notes on our products and their uses. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application. Any existing industrial property rights must be observed. The quality of our products is guaranteed under our General Conditions of Sale.

# Tylose<sup>®</sup> MH 4000 KG4

## Technical Data Sheet



### Application performance

|                        |      |                       |           |
|------------------------|------|-----------------------|-----------|
| Gloss:                 | low  | Thickening effect:    | moderate  |
| Pigment compatibility: | low  | Wet scrub resistance: | moderate  |
| Anti-Spattering:       | good | Water retention:      | very high |
| Pseudoplasticity:      | low  |                       |           |

### Packaging, Storage, Safety instructions

Like all fine-particle organic substances, cellulose ethers constitute a dust explosion hazard. Dust formation and deposits must be kept to a minimum so that no ignitable dust/air mixtures can form. Ignition sources such as naked flames, hot surfaces, sparks and static electricity should be avoided. Tylose starts to decompose at about 200°C. Its ignition temperature is >360°C. Tylose burns easily and the fire may spread.

When stored in closed containers, or in its original packaging in a dry place at room temperature, Tylose can be kept for a long time. In the case of high viscosity grades, a slow loss of viscosity can be measured after lengthy storage (>1 year). Tylose absorbs water from moist air. Once opened, container must be resealed and kept tightly closed.

This Tylose-type is supplied in multi-ply paper bags with polyethylene intermediate layer and/or in big bags.

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