

Your best partner

**ShinEtsu**  
SE Tylose GmbH & Co. KG

# Tylose<sup>®</sup>

for the Construction and Paint Industry



Modern, efficient construction and coating are inconceivable without the highly developed chemistry of building and coating materials. Intensive research and development as well as state of the art production facilities yield ultra-modern products of consistently high quality. SE Tylose GmbH & Co. KG also offers an individual technical service and support. For all these reasons SE Tylose GmbH & Co. KG is one of the world's foremost suppliers to the construction and paint industry. Our Tylose® cellulose ethers act in paints and building materials as a water retention agent, thickener, stabilizer, binder, and dispersing agent. These versatile properties, which are often used in combination, account for the wide range of uses of Tylose cellulose ethers.

## Nomenclature of Tylose

Example MC

<b>MHS</b>		<b>150003</b>		<b>P4</b>	
<b>Chemical composition and Type of etherification</b>		<b>Viscosity level and modification</b>		<b>Particle size distribution and chemical refinement</b>	
M _ _ _ H _ _ O _	<b>Type of ether</b>	∴	<b>Viscosity level</b>	Y	<b>Delayed solubility products</b>
	Methyl	60000	The viscosity level is based on Hoeppler: 2% solution of the commercial product with 5% moisture content, 20°C, 25°English hardness	K	<b>Readily soluble granules</b>
Hydroxyethyl	30000				
Hydroxypropyl	15000				
	10000				
	6000				
	<b>Degree of etherification</b>	4000			<b>Degree of particle size</b>
_ _ B	Special higher degrees of etherification, depending on the individual type of ether	2000		G4	Granules (< 500 µm)
_ _ S		200		G6	Granules (< 400 µm)
_ _ T		∴		G8	Granules (< 300 µm)
		01	<b>consistency increasing modification</b>	P2	Powder (< 180 µm)
	02		P4	Fine powder (< 125 µm)	
	03		P6	Ultra fine powder (< 100 µm)	
	04				
	∴				
			The least one of the two last digits is a number > 0		

Example HEC

<b>HS</b>		<b>30000</b>		<b>YP2</b>	
<b>Chemical composition and Type of etherification</b>		<b>Viscosity level</b>		<b>Particle size distribution and chemical refinement</b>	
H _ _ _ A _	<b>Type of ether</b>	∴	<b>Viscosity level</b>	Y	<b>Delayed solubility products</b>
	Hydroxyethyl	60000	The viscosity level is based on Hoeppler: 2% solution of the commercial product with 5% moisture content, 20°C, 25°English hardness	N	<b>non-delayed solubility products</b>
Allyl	30000				
	15000				
	6000				
	4000				
	<b>Degree of etherification</b>	1000			<b>Degree of particle size</b>
_ S _	higher etherification, biostable	300		G4	Granules (< 500 µm)
		∴		P2	Powder (< 180 µm)



# Tylose® for Coating Materials - Selection

Tylose Grades	Paints and other applications											Paste-like systems						
	Interior paints	Solid paints	Exterior paints	Silicone resin paints	Tinters	Powder paints	Silicate paints	Limewash paints	Cement paints	Paint-stripping pastes	Distempers	Glazes	Emulsion based plasters	Silicate based renders	Emulsion based tile adhesives	Emulsion based adhesives	Gloss effect top coats	Ready-mixed joint fillers
H 300 YP2																	■	
H 1000 YP2	■	■	□	□	■	□	■	□	□		■	■						
H 6000 YP2	■	■	■	□	■	□	■	□	□		■	■		□	■		■	■
H 15000 YP2	■	■	■	■	■	□	■	□	□		□	■	■	■	■		■	■
H 30000 YP2	■	■	■	■	■	□	■	□	□			■		□	■		□	■
H 60000 YP2	■	□	■	■	□	□	■	□				□		□	□			■
H 100000 YP2	■	□	■	□														□
HS 6000 YP2	■	■	■	□	■	□	□	□	□		■	■		□	■		■	■
HS 15000 YP2	■	■	■	■	■	□	□	□	□		□	■	■	■	■		■	■
HS 30000 YP2	■	■	■	■	■	□	□	□	□			■		□	■		□	■
HS 60000 YP2	■	□	■	■	□	□	□	□				□		□	□			■
HS 100000 YP2	■	□	■	□														□
MH 200 YP2		□				□		□	□		□		□					
MH 2000 YP2	□	■	□			■		■	■		■	□	■		□			
MH 4000 KG4	□	■	□			■		■	■		■	□	□		□			
MH 6000 YP4	■	■	■	□		■		■	■		■	■	■		■			□
MH 6000 YG8	■	■	■	□		■		■	■		■	■	□		□			
MH 10000 KG4	□	■	□	□				■	■			□	□		□	□		
MH 15000 YG8	■	■	■	■				■	■				□		□	□		□
MH 30000 YP4	□	□	□	□		□		□					□		□	■		■
MH 30000 YG8	■	□	■	■				■								□		
MHS 60000 YP4															□			■
MB 60000 P2										■								
MOT 60000 YP4										■					■	■		■
MH 150000 YG6	■		■															

■ highly recommended    □ recommended

## Site and Contacts



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02/2011

