

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: Tylose MHS 30007 P6

MHS		30007		P6	
Chemical composition Type of etherification		Viscosity level and modification		Particle size distribution and chemical refinement	
M	Type of ether	60000	Viscosity level	Y	Delayed solubility products
	Methyl				
H	Hydroxyethyl	30000	The viscosity level is based on Hoeppler: 2% solution of the commercial product with 5% moisture content, 20°C, 25°English hardness	K	Readily soluble granules
O	Hydroxypropyl	15000			
B	Degree of etherification	10000			Degree of particle size
		6000			
S	Special higher degrees of etherification, depending on the individual type of ether	4000			Types of granules:
T		2000			
		200	consistency increasing modification	G1	Granules (< 1000 µm)
		:			G2
		01	The modification is indicated by the fact, that at least one of the two last digits is a number > 0	G4	Granules (< 500 µm)
		02			G6
		03		G8	Granules (< 300 µm)
		04			
		05		P2	Powder (< 180 µm)
		06			P4
		07		P6	Ultra fine powder (< 100 µm)
		08			
		:			



# Tylose® Construction Grades - Selection

Tylose Grades	Modification							Tile adhesives	Adhesives for black laying
	Delayed solubility	None	Very slight	Slight	Moderate	Significant	Extreme		
MH 2000 YP2	●	●							
MB 3003 P6						●		■	
MH 6000 YP2	●	●							
MH 6002 P4					●				
MO 6009 P4						●		■	
MH 10002 YP6	●			●				■	□
MH 10005 P2						●		■	
MH 10007 P4					●			■	□
MB 10008 P6							●	■	
MHS 10012 P6					●			□	
MH 10013 P4							●		
MH 15002 P6					●				□
MH 15004 P4			●						■
MB 15009 P2					●			■	
MB 30002 P2							●	■	
MH 30006 P6						●			
MHS 30007 P6				●					■
MH 60001 P4			●					□	□
MH 60004 P6					●			□	□
MH 60009 P4							●		
MH 60010 P4					●				
MB 60012 P4			●					□	
MO 60016 P4			●					□	
MH 60017 P4						●			
MHS 150003 P4					●			□	
H 20 P2	●	●							
H 300 P2	●	●							



Cement based building materials						Gypsum based building materials				
Adhesives and levelling compounds for EIFS (exterior insulating finishing systems)	Machine applied cement-lime based renders	Decorative finish coatings	Self levelling compounds	Trowelling compounds	Grouts (joint fillers for tiles)	Gypsum based adhesives	Mounting binders	Jointing compounds	Bonding plasters	Machine applied gypsum based plasters
			☐		■					
					■					
☐	☐	■		☐	☐	☐	☐	☐	■	
☐				☐						
■		■		■					■	
☐		☐				☐	☐			
						■	■	■		
■	■	☐							☐	■
	■									
■										
	☐									■
	■									
	☐									
	■									
	☐								☐	■
			■							
			■		☐					

■ highly recommended    ☐ recommended



## Tylose® for Coating Materials

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 G4																	■	
H 6000 YP2	■	■	■	□	■	□	■	□	□		■	■		□	■		■	■
H 15000 YP2	■	■	■	■	■	□	■	□	□		□	■	■	■	■		■	■
H 30000 YP2	■	■	■	■	■	□	■	□	□					□	■		□	■
H 60000 YP2	■	□	■	■	□	□	■	□						□	□			■
H 100000 YP2	■	□	■	□														□
H 200000 YP2	■		□															
HS 6000 YP2	■	■	■	□	■	□	□	□	□		■	■		□	■		■	
HS 15000 YP2	■	■	■	■	■	□	□	□	□		□	■	■	■	■		■	□
HS 30000 YP2	■	■	■	■	■	□	□	□	□					□	■		□	
HS 60000 YP2	■	□	■	■	□	□	□	□						□	□			
HS 100000 YP2	■	□	■	□														
HS 200000 YP2	■		□															
MH 200 YP2		□				□		□	□		□		□					
MH 2000 YP2	□	■	□			■		■	■		■	□	■		□			
MH 4000 KG4	□	■	□			■		■	■		■	□	□		□			
MH 6000 YP2	■	■	■	□		■		■	■		■	■	■		■			□
MH 6000 YG8	■	■	■	□		■		■	■		■	■	□		□			
MH 10000 YP2	■	■	■	■		□		■	■		□	■	■		■			■
MH 10000 KG4	□	■	□	□				■	■			□	□		□	□		
MH 15000 YG8	■	■	■	■				■	■			□		□	□			□
MH 30000 YP2	□	□	□	□		□		□				□		□	■			■
MH 30000 YG8	■	□	■	■				■							□			
MHS 60000 YP4														□				■
MB 60000 P2										■								
MOT 60000 YP4										■				■	■			■

■ highly recommended

□ recommended



Tylose GmbH & Co. KG  
Quality Assurance  
Rheingastr. 190-196  
65203 Wiesbaden  
Tel. +49(0)611/962-3411  
Fax +49(0)611/962-9330

# ShinEtsu

Visen Industries Ltd.  
Plot No. 68, 69, 90

396235 DADRA & NAGAR HAVELI  
INDIEN.

Inspection certificate - Certificate of Analysis  
according to EN 10204-3.1

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Your Order No. : VIL/PO/(S)/477

Our consignment  
Delivery no./Pos. : 80048014 / 900002  
Order : 35116  
Material : TYLOSE HS 30000 YP2  
Material-no. : 14719810756  
Batch No. : DEAT074389  
Quantity : 9,175 KG

On the batch, of which the consignment is a part, the following values were determined. They conform to the agreed product specification.

Inspection characteristic/-method	Specification	Result
Moisture (as packed)	$\leq 6.0$	2.6 %
Sulphated Ash	$\leq 6.0$	4.6 %
Particle Size $< 0.180$ mm (80 mesh)	$\geq 95.0$	99.9 %
Particle Size $< 0.100$ mm (140 mesh)	$\geq 45.0$	96.0 %
Visc. Brookf. RV, 20rpm, 1.9%db, 20°C, 20°GH	16000 - 21000	18000 mPa·s

The above particulars do not release the customer from the obligation to carry out an inspection of goods received.

Frank Kitzinger (inspection representative)

This report is not to be signed.

SE Tylose GmbH & Co. KG  
Industriepark Kalla-Alber  
Rheingastr. 190-196  
D-65203 Wiesbaden

070140



## Tylose® for Coating Materials

VISHAL ENTERPRISES  
 Shop No. 20, Archana Apartment  
 East, Maredpally,  
 SECUNDERABAD - 500 086.

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 G4																		
H 6000 YP2	■	■	■	□	■	□	■	□	□		■	■		□	■		■	■
H 15000 YP2	■	■	■	■	■	□	■	□	□		□	■	■	■	■		■	■
H 30000 YP2	■	■	■	■	■	□	■	□	□		■		■	■	■		□	■
H 60000 YP2	■	□	■	■	□	□	■	□			□		■	■	■			■
H 100000 YP2	■	□	■	□														□
H 200000 YP2	■		□															
HS 6000 YP2	■	■	■	□	■	□	■	□	□		■	■		□	■		■	
HS 15000 YP2	■	■	■	■	■	□	■	□	□		■	■	■	■	■		■	□
HS 30000 YP2	■	■	■	■	■	□	■	□	□		■		■	■	■		□	
HS 60000 YP2	■	□	■	■	□	□	■	□			□		■	■	■			
HS 100000 YP2	■	□	■	□														
HS 200000 YP2	■		□															
MH 200 YP2		□				□		□	□		□		□					
MH 2000 YP2	□	■	□			■		■	■		■	□	■		□			
MH 4000 KG4	□	■	□			■		■	■		■	□	□		□			
MH 6000 YP2	■	■	■	□		■		■	■		■	■	■		■			□
MH 6000 YG8	■	■	■	□		■		■	■		■	■	□		□			
MH 10000 YP2	■	■	■	■		□		■	■		□	■	■		■			■
MH 10000 KG4	□	■	□	□				■	■			□	□		□	□		
MH 15000 YG8	■	■	■	■				■	■			■		□	□	□		□
MH 30000 YP2	□	□	□	□		□		□				□		□	■			■
MH 30000 YG8	■	□	■	■				■							□			
MHS 60000 YP4															□			■
MB 60000 P2										■								
MOT 60000 YP4										■					■	■		■

■ highly recommended    □ recommended



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## Nomenclature of Tylose

Example: Tylose MHS 30007 P6

**MHS**

Chemical composition  
Type of etherification

	Type of ether
<b>M</b>	Methyl
<b>H</b>	Hydroxyethyl
<b>O</b>	Hydroxypropyl
	Degree of etherification
<b>B</b>	Special higher degrees of etherification, depending on the individual type of ether
<b>S</b>	
<b>T</b>	

**30007**

Viscosity level  
and modification

	Viscosity level
	60000
✓	30000
	15000
	10000
	6000
	4000
	2000
	200
	:
	01 consistency increasing modification
	02
	03 The modification is indicated by the fact, that at least one of the two last digits is a number > 0
	04
	05
	06
	07
	08
	:

**P6**

Particle size distribution  
and chemical refinement

	Particle size distribution and chemical refinement
<b>Y</b>	Delayed solubility products
<b>K</b>	Readily soluble granules
	Degree of particle size
	Types of granules:
<b>G1</b>	Granules (< 1000 µm)
<b>G2</b>	Granules (< 800 µm)
<b>G4</b>	Granules (< 500 µm)
<b>G6</b>	Granules (< 400 µm)
<b>G8</b>	Granules (< 300 µm)
	Powder types:
<b>P2</b>	Powder (< 180 µm)
<b>P4</b>	Fine powder (< 125 µm)
<b>P6</b>	Ultra fine powder (< 100 µm)