

TECHNICAL INFORMATION

Page 1/2 - April 2020 / Vers. 5 Industrial Coatings

WIEREGEN-M75-Metallgrund

2C-PUR-HS Primer

MAIN PRODUCT-PROPERTIES

- 2C-PUR-HS Primer for subsequent satin glossy up to high-gloss topcoats/monolayer
- Typical application areas: building machines, mobile cranes, machine building with high optical demands

PRODUCT DATA

WIEREGEN-M75-Metallgrund



M75-750 Light grey (other colours on request)



Mixing ratio by weight

9:1 with curing agent DX-10



Thinner V-562

WIEREGEN-M75-Metallgrund / Guideline

7	8	9	÷
4	5	6	×
1	2	3	H
0			ī

Density (g/mL) 1.40

DFT *

(µm)

60

76.0
Calculated wet-film thickness (μm)

98

Solid content

(weight %)

Consumption (kg/m²)
0.140

VOC-content

(weight %)

24

Solid content by volume
(%) (mL//kg)
61.0 435

Spreading rate (m²/kg)
7.1

COMMENTS ON PROCESSING

Recommendation at temperatures of approx. 20 °C







	н
Airmix	nro

High Roller/Brush application¹⁾

		pressure	application '
Application viscosity (s) (4 mm DIN-cup)	55 to 75	45 to 65	60 to 75
Nozzle diameter (mm)	0.28 to 0.33	-	-
Material pressure (bar)	80 to 100	-	-
Atomiser pressure (bar)	1.5 to 2.5	-	-
DFT * per working operation (μm)	60	-	40 to 60
Addition of thinner (%)	0 to 3	3 to 7	0 to 2

¹⁾ only recommended for small surfaces



Pot life

3 to 4 hours (relating to temperature)

Fax +49 7255 99-123 Fax +49 203 99707-10 Fax +49 35242 6565-29

^{*} DFT = Dry Film Thickness



TECHNICAL INFORMATION

Page 2/2 - April 2020 / Vers. 5 Industrial Coatings

WIEREGEN-M75-Metallgrund 2C-PUR-HS Primer

Drying/Curing times at 60 μm DFT	Ambient air temperature 20 °C	
touch dry:	after approx. 25 minutes	
tack free:	after approx. 3 hours	
ready for overcoating/handling:	after approx. 8 hours	

INSTRUCTIONS FOR APPLICATION

Surface preparation

Steel surfaces and cast iron

- Remove adhesion-reducing substances e. g. cleaning, washing, phosphating
 Blast-cleaning Sa 2 ½ according to EN ISO 12944-4,
- Roughness grade medium (G) according to EN ISO 12944-4,

Hot-dip-galvanised steel surfaces and aluminium/cast aluminium

- Remove adhesion-reducing substances, e. g. cleaning, washing
- At natural weathering or condensation: Sweep blast-cleaning according to EN ISO 12944-4.
- After sweep blast-cleaning the surface shall have a uniform dull appearance.

 Chemical conversion layer (chromate, chromate free, phosphating)



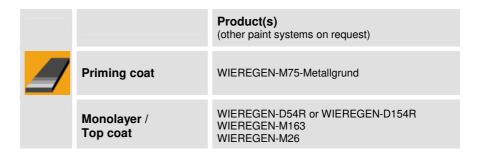
Air and surface temperature

optimal at 15 to 25 °C, not below 5 °C, not over 40 °C



max. 80 % relative humidity

PAINT SYSTEMS EXAMPLES



SAFETY MEASURES



The relevant data can be found in the current material safety data sheets, available at www.geholit-wiemer.de.

The statements made here are based on the present state of our knowledge. We do not assume liability for damages resulting from the use of the material or from any advice given by our employees. In this respect, any advice given by our employees has to be seen as not binding. The processor is responsible for the supervision or construction, the maintaining of process guidelines and the observation of the established rules of techniques, even if our employees are present at the time our material is being applied.

This information is subject to modifications due to technical improvements. The latest edition of this information replaces all previous issues.

Fax +49 7255 99-123 Fax +49 203 99707-10 Fax +49 35242 6565-29