

## MAIN PRODUCT-PROPERTIES

- All-purpose 2C-PUR Topcoat for many industrial application areas
- Excellent decontamination according to DIN 25415, Part 1
- Certificated according to DIN 55991-1 "coatings for nuclear plants"
- In combination with suitable priming coats as high-grade corrosion protection system with high durability

## PRODUCT DATA

### WIEREGEN-M25, satin glossy



M25-S.... (RAL-colours, other colours on request)




#### Mixing ratio by weight

9:1 with curing agent DX-10



Thinner V-89

### WIEREGEN-M25 / Guideline

	Density (g/mL)	Solid content (weight %)	VOC-content (weight %)	Solid content by volume	
				(%)	(mL/kg)
	<b>1.40</b>	<b>74.0</b>	<b>26.0</b>	<b>59.0</b>	<b>420</b>
	DFT * (µm)	Calculated wet-film thickness (µm)	Consumption (kg/m <sup>2</sup> )	Spreading rate (m <sup>2</sup> /kg)	
	<b>80</b>	<b>134</b>	<b>0.190</b>	<b>5.3</b>	

## COMMENTS ON PROCESSING

Recommendation at temperatures of approx. 20 °C



**Airless/  
Airmix**



**High  
pressure**



**Roller/Brush  
application**




	Airless/ Airmix	High pressure	Roller/Brush application
<b>Application viscosity (s)</b> (8 mm DIN-cup)	<b>10 to 14</b>	<b>6 to 10</b>	<b>10 to 14</b>
<b>Nozzle diameter (mm)</b>	<b>0.38 to 0.58</b>	<b>1.5 to 2.0</b>	-
<b>Material pressure (bar)</b>	<b>150 to 250</b>	-	-
<b>Atomiser pressure (bar)</b>	<b>1.5 to 2.5</b>	<b>3.0 to 4.0</b>	-
<b>DFT * per working operation (µm)</b>	<b>80 to 100</b>	<b>80 to 100</b>	<b>40 to 60</b>
<b>Addition of thinner (%)</b>	<b>0 to 3</b>	<b>4 to 6</b>	<b>0 to 2</b>



#### Pot life

4 to 6 hours (relating to temperature)

\* DFT = Dry Film Thickness

Drying/Curing times at 60 µm DFT		Ambient air temperature 20 °C
	touch dry:	after approx. 30 minutes
	tack free:	after 4 to 5 hours
	ready for overcoating/handling:	after 12 to 16 hours

## INSTRUCTIONS FOR APPLICATION

### Surface preparation

#### Required Priming coats (see below)

- Remove adhesion-reducing substances e. g. cleaning, washing
- Before overcoating of other priming coats compatibility tests are recommended



#### Air and surface temperature


optimal at 15 to 25 °C, not below 10 °C, not over 40 °C



max. 80 % relative humidity

## PAINT SYSTEMS

### EXAMPLES

		<b>Product(s)</b> (other paint systems on request)
	<b>Priming coats</b>	GEHOPON-E44R-Metallgrund GEHOPON-E90RI-Metallgrund WIEREGEN-M162R-Metallgrund
	<b>Top coat</b>	WIEREGEN-M25

## SAFETY MEASURES



The relevant data can be found in the current material safety data sheets, available at [www.geholti-wiemer.de](http://www.geholti-wiemer.de).

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