

MAIN PRODUCT PROPERTIES

- 2C-PUR top coat, matt, electrically conductive
- In combination with the 2C-EP priming coat GEHOPON-E929-Metallgrund as conductive coating for use in potentially explosive areas
- Surface resistance < 1 GΩ according to EN 61340-2-3:2017
- Electrical resistance < 250 kΩ according to EN 61340-2-3:2000
- Breakdown voltage < 1 kV according to IEC 60079-32-2:2015
- Evaluation protocol ExTL-5, PTB-EP-2025-01 of PTB Braunschweig is available

PRODUCT DATA

WIEREGEN-M930, matt, conductive	RWE Code No.
 M930-M5010 Gentian blue approx. RAL 5010 (other colours on request)	DB-30-D-5010
 Mixing ratio by weight 10:1 with curing agent DX-930	
 Thinner V-562	

WIEREGEN-M930 / Guide values					
	Density (g/mL)	Solid content (weight %)	VOC-content (weight %)	Solid content by volume	
	1.35	72.5	27.5	(%)	(mL/kg)
	58	430			
	DFT * (µm)	Calculated wet-film thickness (µm)	Consumption (kg/m ²)	Spreading rate (m ² /kg)	
	80	135	0.185	5.4	

COMMENTS ON PROCESSING

Recommendation at temperatures of approx. 20 °C



	Airless	High pressure	Roller/Brush application
Application viscosity (s) (8 mm DIN-cup)	10 to 15	6 to 8	10 to 15
Nozzle diameter (mm)	0.33 to 0.38	1.5 to 2.0	-
Material pressure (bar)	150 to 250	-	-
Atomiser pressure (bar)	-	3.0 to 4.0	-
DFT * per working operation (µm)	60 to 80	60 to 80	40 to 60
Addition of thinner (%)	0 to 2	5 to 10	0 to 2

* DFT = Dry Film Thickness



Pot life
5 to 6 hours (at 20 °C)

Drying/Curing times at 60 µm DFT		Ambient air temperature 20 °C
 touch dry:		after 30 minutes
 tack free:		after approx. 4 hours
 ready for overcoating/handling:		after approx. 14 hours

INSTRUCTIONS FOR APPLICATION

Surface preparation

Required conductive 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 temperatures
optimal at 15 to 25 °C, not below 5 °C, not above 40 °C



max. 80 % relative humidity

PAINT SYSTEMS

EXAMPLES

	Product(s) (other paint systems on request)
 1. Priming coat	GEHOPON-E929-Metallgrund, E929-721
Optional 2. Priming coat	GEHOPON-E929-Metallgrund, E929-724
Top coat	WIEREGEN-M930

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