

TECHNICAL INFORMATION

Page 1/2 - May 2018 / Vers. 4 Industrial Coatings

WIEREGEN-DW52

2C-PUR Hydro Monolayer

MAIN PRODUCT-PROPERTIES

- Two-pack Monolayer for machines and apparatus construction for dry film thicknesses of 40 to 60 μm
- Together with suitable priming coats also appropriate for higher corrosion stresses

PRODUCT DATA

WIEREGEN-DW52, satin glossy



DW52-S7021 (RAL-colours, other colours on request)



Mixing ratio by weight

8:1 with curing agent DZ-53



Demineralised water

WIEREGEN-DW52 / Guideline

7	8	9	÷
4	5	6	Х
1	2	3	

Density (g/mL) 1.35

DFT *

(µm)

60

Solid content (weight %) 66.0

(weight %) < 4
Consumption

VOC-content

Solid content by volume (%) (mL//kg) **55.0 405**

Calculated wet-film thickness (µm) (kg/l)

(kg/m²)

Spreading rate (m²/kg)
6.7

COMMENTS ON PROCESSING

Recommendation at temperatures of approx. 20 °C







	High pressure	Pressure tank	Roller/Brush application
ity (s)	10 to 15	12 to 18	15 to 20

Application viscosity (s) (6 mm DIN-cup)	10 to 15	12 to 18	15 to 20
Nozzle diameter (mm)	1.5 to 1.8	1.5 to 1.8	-
Material pressure (bar)	-	3.0 to 5.0	-
Atomiser pressure (bar)	3.0 to 4.0	3.0 to 4.0	-
DFT * per working operation (µm)	50 to 70	50 to 70	40 to 60
Addition of thinner (%)	5 to 10	0 to 5	0



Pot life

approx. 2 hours (relating to temperature)

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^{*} DFT = Dry Film Thickness



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Page 2/2 - May 2018 / Vers. 4 Industrial Coatings

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Drying/Curing times at 50 μm DFT	Ambient air temperature 20 °C
touch dry:	after 45 minutes
tack free:	after approx. 4.5 hours
ready for overcoating/handling:	after approx. 16 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,
- Blast-cleaning Sa 2 ½ according to EN ISO 12944-4, Roughness grade medium (G) according to EN ISO 8503-1

Strip 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)



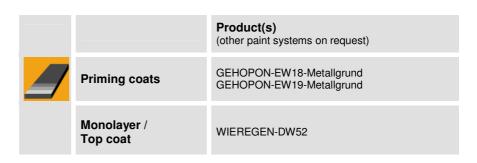
Air and surface temperature

optimal at 15 to 25 °C, not below 10 °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.

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

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