

MAIN PRODUCT PROPERTIES

- **Mat, waterborne monolayer based on a acrylic combination for nominal dry film thicknesses of 100 µm for steel constructions, cranes, hoisting devices etc.**
- **In combination with optional GEHOTEX-W90-Metallgrund as a high-grade 1-pack coating system**

PRODUCT DATA

GEWITEX-W148, mat



W148-M.... (RAL-colours, other colours on request)



Mixing ratio by weight

Not relevant



Demineralised water

GEWITEX-W148 / Guideline

	Density (g/mL)	Solid content (weight %)	VOC-content (weight %)	Solid content by volume	
	1.25	60.0	< 0.5	(%)	(mL/kg)
	DFT * (µm)	Calculated wet-film thickness (µm)	Consumption (kg/m ²)	Spreading rate (m ² /kg)	
	100	200	0.250	4.0	

COMMENTS ON PROCESSING

Recommendation at temperatures of approx. 20 °C



Airmix



Airless



High pressure




Application viscosity (s) (8 mm DIN-cup)	15 to 20	15 to 20	6 to 8
Nozzle diameter (mm)	0.28 to 0.38	0.28 to 0.38	1.5 to 1.8
Material pressure (bar)	100 to 150	100 to 180	-
Atomiser pressure (bar)	1.0 to 1.5	-	3 to 4
DFT * per working operation (µm)	80 to 120	80 to 120	80 to 120
Addition of thinner (%)	-	-	0 to 3



Pot life

Not relevant

* DFT = Dry Film Thickness

Drying/Curing times at 100 µm DFT		Ambient air temperature 20 °C
	touch dry:	after 60 to 75 minutes
	tack free:	after 60 to 80 minutes
	ready for overcoating/handling:	after 2 to 2.5 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 8503-1

Optional Priming coat (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
dew point distance ≥ 3 °C

PAINT SYSTEMS

EXAMPLES

	Product(s) (other paint systems on request)
 Optional Priming coat	GEHOTEX-W90-Metallgrund
Monolayer / Top coat	GEWITEX-W148

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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