

MAIN PRODUCT- PROPERTIES

- **1C-AY Hydro Priming coat** for high-grade corrosion protection of steel constructions e. g. girder masts
- **Adjustment** for brush application with dry film thicknesses of 80 µm
- **The priming coat** shows excellent adhesion and elasticity on steel, hot-dip galvanised steel and old coatings

PRODUCT DATA

GEHOTEX-W909Neu-Metallgrund		RWE-Code-No.
	W909N-115 light ivory	approx. RAL 1015
	W909N-309 oxide red	approx. RAL 3009
	Mixing ratio by weight Not relevant	
	Demineralised water or water with low hardness	

GEHOTEX-W909Neu-Metallgrund / Guideline

	Density (g/mL)	Solid content (weight %)	VOC-content (weight %)	Solid content by volume	
	1.30	63.0	< 5	(%)	(mL/kg)
				53.5	410
	DFT * (µm)	Calculated wet-film thickness (µm)	Consumption (kg/m²)	Spreading rate (m²/kg)	Spreading rate (m²/L)
	80	150	0.195	5.1	6.7

COMMENTS ON PROCESSING

**Recommendation at
temperatures
of approx. 20 °C**



**Roller/Brush
application**

Application viscosity (s) (6 mm ISO-cup)	40 bis 55
Nozzle diameter (mm)	-
Material pressure (bar)	-
Atomiser pressure (bar)	-
DFT * per working operation (µm)	80
Addition of thinner (%)	-



Pot life

Not relevant

* DFT = Dry Film Thickness

Drying/Curing times at 80 µm DFT		Ambient air temperature 20 °C
	touch dry:	after approx. 60 minutes
	tack free:	after approx. 3 hours
	ready for overcoating/handling: walkable:	after 24 hours after 48 hours

INSTRUCTIONS FOR APPLICATION

Surface preparation

Steel surfaces

- Blast-cleaning Sa 2 ½ according to EN ISO 12944-4
- Mechanical or manual derusting at preparation grade St 2 according to EN ISO 12944-4

Hot-dip-galvanised steel surfaces

- Remove adhesion-reducing substances, particularly zinc salts
- Sweep blast-cleaning according to EN ISO 12944-4.
After sweep blast-cleaning the surface shall have a uniform dull appearance.

Existing old coatings

- Remove adhesion-reducing substances, e. g. cleaning, washing
- Mechanical or manual derusting at preparation grade PMA respectively PSt 2 according to EN ISO 12944-4.



Air and surface temperature
10 to 35 °C, optimal at 15 to 25 °C



Relative humidity ≤ 80 %
Dew point distance ≥ 3 K

PAINT SYSTEMS

EXAMPLES

	Product(s) (other paint systems on request)
 Priming coat	RWE-Code-No. GB-9-H.... GEHOTEX-W909Neu-Metallgrund
 Monolayer / Top coat	RWE-Code-No. DB-11-H.... GEHOTEX-W911Neu

SAFETY MEASURES



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

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