





MAIN PRODUCT-PROPERTIES

- 1C-AY Hydro Topcoat for high-grade corrosion protection of steel constructions e.g. girder masts
- Adjustment for brush application and with additive Z1-11 also for flushing application with nominal dry film thickness of 80 µm
- The coating systems shows excellent adhesion and elasticity together with suitable RWE-Priming coats

PRODUCT DATA

GEHOTEX-W911	MIO-colours												
	<table border="1"> <thead> <tr> <th></th> <th>approx. RAL</th> <th><u>RWE-Code-No.</u></th> </tr> </thead> <tbody> <tr> <td>W911-E7833 Cement grey</td> <td>7033</td> <td>DB-11-H-7033</td> </tr> <tr> <td>W911-E9811 Graphite black</td> <td>9011</td> <td>DB-11-H-9011</td> </tr> <tr> <td>W911-E9807 Grey aluminium</td> <td>9007</td> <td>DB-11-H-9007</td> </tr> </tbody> </table>		approx. RAL	<u>RWE-Code-No.</u>	W911-E7833 Cement grey	7033	DB-11-H-7033	W911-E9811 Graphite black	9011	DB-11-H-9011	W911-E9807 Grey aluminium	9007	DB-11-H-9007
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	Mixing ratio by weight Not relevant												
	Demineralised water or water with low hardness												

GEHOTEX-W911	Guideline MIO-colours ¹⁾				
	Density (g/mL)	Solid content (weight %)	VOC-content (weight %)	Solid content by volume (%) (mL/kg)	
	1.4	66.0	< 5	52.5	375
	DFT * (µm)	Calculated wet-film thickness (µm)	Consumption (kg/m ²) ²⁾	Spreading rate (m ² /kg)	Spreading rate (m ² /L)
	80	153	0.215	4.7	6.6

- 1) Guideline averaged data, slight deviation are possible depending on the colour
2) Theoretical consumption related on a smooth surface. Dependent on surface roughness and processing losses different consumption data will be achieved in practice

COMMENTS ON PROCESSING


Recommendation at temperatures of approx. 20 °C






Roller/Brush application



Flushing

Application viscosity (s)	40 to 55 (6 mm ISO-cup)	45 to 55 (4 mm DIN-cup)
Nozzle diameter (mm)	-	Flushing nozzle
Material pressure (bar)	-	1 to 3
Atomiser pressure (bar)	-	-
DFT * per working operation (µm)	80	80
Addition of additive Z1-11 Ma% Vol%	-	12 to 14 15 to 17
	Pot life Not relevant	

* DFT = Dry Film Thickness

Drying/Curing times at 80 µm DFT		Ambient air temperature 20 °C
	dust-free:	after approx. 60 minutes
	tack free:	after approx. 3 hours
	overcoating interval / dry to handle: walkable:	after 24 hours after 48 hours

INSTRUCTIONS FOR APPLICATION

Surface preparation

- Please note the currently available version of the RWE-guideline

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
10 to 35 °C



Relative humidity ≤ 80 %
Dew point distance ≥ 3 K

PAINT SYSTEMS

EXAMPLES

	Product(s) (other paint systems on request)
 Priming coats	RWE-Code-No. GB-9-H.... GEHOTEX-W909-Metallgrund RWE-Code-No. GB-13-H.... GEHOTEX-W913-Metallgrund
Top coat	RWE-Code-No. DB-11-H.... GEHOTEX-W911

SAFETY MEASURES



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

The statements made here are based on the present state of our knowledge. We do not assume liability for damages resulting from the use of the material or from any advice given by our employees. In this respect, any advice given by our employees has to be seen as not binding. The processor is responsible for the supervision or construction, the maintaining of process guidelines and the observation of the established rules of techniques, even if our employees are present at the time our material is being applied.

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