





MAIN PRODUCT-PROPERTIES

- 1C-AY/AK Topcoat for high-grade corrosion protection of steel parts and steel constructions
- Processing is preferably carried out by brush application at nominal dry film thicknesses of 80 µm
- Processing by flooding is also possible
- The RWE-coating systems shows excellent adhesion and elasticity

PRODUCT DATA

WIEKORANT-A911		MIO-colours RAL-colours, satin glossy		
	A911-E7833	Cement grey	approx. RAL 7033	RWE-Code-No. DB-11-L-7033
	A911-E9707	Grey aluminium	approx. RAL 9007	DB-11-L-9007
	A911-E9811	Graphite black	approx. RAL 9011	DB-11-L-9011
Aircraft-warning colours, satin glossy				
	A911-S9016	Traffic white	approx. RAL 9016	DB-11-L-9016
	A911-S2009	Traffic orange	approx. RAL 2009	DB-11-L-2009
	Mixing ratio by weight Not relevant			
	Thinner V-50 (for brush-application) Thinner V-100 (for flooding)			

WIEKORANT-A911		Guideline MIO-colours ¹⁾			
	Density (g/mL)	Solid content (weight %)	VOC-content (weight %)	Solid content by volume (%) (mL/kg)	
	1.3	70.0	30	50.0	385
	DFT * (µm)	Calculated wet-film thickness (µm)	Consumption (kg/m ²) ²⁾	Spreading rate (m ² /kg)	Spreading rate (m ² /L)
	80	160	0.210	4.8	6.2

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



Flooding ³⁾




Application viscosity (mPas) (Epprecht, MKC 25 °C)	MIO-colours: 460 to 540 Aircraft-warning colours: 510 to 590	
Nozzle diameter (mm)	-	Flooding nozzle
Material pressure (bar)	-	1 to 3
Atomiser pressure (bar)	-	-
DFT * per working operation (µm)	80	60 to 80
Addition of thinner (%)	0 to 2 at low temperatures	35 to 45

* DFT = Dry Film Thickness

3) Flooding in the application range of the Directive 2004/42/EG "Decopaint-Directive" is not allowed



Pot life
Not relevant

Drying/Curing times at 80 µm DFT		Ambient air temperature 20 °C
 dust-free:		after approx. 1.5 hours
 tack free:		after approx. 16 hours
 overcoating interval / dry to handle: walkable:		after 24 hours after 7 days

INSTRUCTIONS FOR APPLICATION

Surface preparation

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

Required Priming coats

- Remove adhesion-reducing substances e. g. cleaning, washing
- Before overcoating of other priming coats compatibility tests are recommended



Air and surface temperature
5 to 40 °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-L-3009 WIEKORANT-A909-Metallgrund
Top coat	RWE-Code-No. DB-11-L-.... WIEKORANT-A911

SAFETY MEASURES



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