





MAIN PRODUCT-PROPERTIES

- 1C-AY/AK-HS Topcoat for high-grade corrosion protection of steel buildings and steel constructions
- Processing by brush application, high-pressure spraying and Airless-/Airmix application with dry film thicknesses up to 80 µm
- RWE-paint systems shows excellent adhesion and elasticity

PRODUCT DATA

GEHOLIT-K911	MIO-colours
	<p>RWE-Code-No.</p> <p>K911-E7833 cement grey approx. RAL 7033 DB-11-S-7033 K911-E9707 grey aluminium approx. RAL 9007 DB-11-S-9007 K911-E9811 graphite black approx. RAL 9011 DB-11-S-9011</p>
	<p>Mixing ratio by weight</p> <p>Not relevant</p>
	<p>Thinner V-50</p>

GEHOLIT-K911	Guideline MIO-colours ¹⁾				
	Density (g/mL)	Solid content (weight %)	VOC-content (weight %)	Solid content by volume (%) (mL/kg)	
	1.6	81.5	18.5	62.5	390
	DFT * (µm)	Calculated wet-film thickness (µm)	Consumption (kg/m ²) ²⁾	Spreading rate (m ² /kg)	Spreading rate (m ² /L)
	80	126	0.205	4.9	7.8

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



Airless



High pressure



Roller/Brush application




Application viscosity (s) (Epprecht, MKC 25 °C)	MIO-colours: 400 to 480 Aluminium-colours: 460 to 540		
Nozzle diameter (mm)	-	-	-
Material pressure (bar)	-	-	-
Atomiser pressure (bar)	-	-	-
DFT * per working operation (µm)	-	-	80
Addition of thinner (%)	-	-	0 to 2 at low temperatures



Pot life

Not relevant

* DFT = Dry Film Thickness

Drying/Curing times at 80 µm DFT		Ambient air temperature 20 °C
	touch dry:	after approx. 5 hours
	tack free:	after approx. 16 hours
	overcoating interval/dry to handle: dry to walk on:	from 24 hours from 5 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-S-3009 GEHOLIT-K909-Metallgrund
Top coat	RWE-Code-No. DB-11-S-.... GEHOLIT-K911

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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