


MAIN PRODUCT- PROPERTIES

- 1C-AK-HS Topcoat for high-grade corrosion protection of steel buildings and steel constructions
- Processing preferably by brush application with dry film thicknesses up to 80 µm

PRODUCT DATA

WIEKORANT-A80B-DKX	
	A80B-E... MIO colours (acc. G+W MIO colour card)
	Mixing ratio by weight Not relevant
	Thinner V-50

WIEKORANT A80B-DKX		Guideline MIO-colours ¹⁾			
	Density (g/mL)	Solid content (weight %)	VOC-content (weight %)	Solid content by volume (mL/kg)	
	1.55	81.5	18.5	64	415
	DFT * (µm)	Calculated wet-film thickness (µm)	Consumption (g/m ²) ²⁾	Spreading rate (m ² /kg)	Spreading rate (m ² /L)
	80	123	0.195	5.2	8.0

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)	370 to 450		
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

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	WIEKORANT-A80B-Korrogrund
Topcoat	WIEKORANT-A80B-DKX

SAFETY MEASURES

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