

MAIN PRODUCT-PROPERTIES

- Well-ried, solvent-based alkyd resin topcoat
- Satin glossy and high-gloss are available
- Together with suitable priming coats can be used at many application areas, e. g. machine and apparatus construction

PRODUCT DATA

GEHOLIT-K48



K48-S.... satin glossy (RAL-colours, other colours on request)
K48-H.... high gloss (RAL-colours, other colours on request)



Mixing ratio by weight

Not relevant



Thinner V-27

GEHOLIT-K48 / Guideline

	Density (g/mL)	Solid content (weight %)	VOC-content (weight %)	Solid content by volume	
				(%)	(mL/kg)
	1.15	59.5	40.5	41.5	360
	DFT * (µm)	Calculated wet-film thickness (µm)	Consumption (kg/m ²)	Spreading rate (m ² /kg)	
	50	120	0.140	7.1	

COMMENTS ON PROCESSING

Recommendation at
temperatures
of approx. 20 °C



Airless



High
pressure



Roller/Brush
application




Application viscosity (s) (8 mm DIN-cup)	8 to 12	40 to 60 (4 mm DIN)	10 to 12
Nozzle diameter (mm)	0.33 to 0.68	1.5 to 2.0	-
Material pressure (bar)	150 to 250	-	-
Atomiser pressure (bar)	-	3.0 to 4.0	-
DFT * per working operation (µm)	50	50	40 to 50
Addition of thinner (%)	0 to 5	5 to 10	0 to 2



Pot life

Not relevant

* DFT = Dry Film Thickness

Drying/Curing times at 50 µm DFT		Ambient air temperature 20 °C
	touch dry:	after approx. 30 minutes
	tack free:	after approx. 6 hours
	ready for overcoating/handling:	after 12 hours

INSTRUCTIONS FOR APPLICATION

Surface preparation

Required Priming coats (see below)

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



Air and surface temperature


optimal at 15 to 25 °C, not below 5 °C, not over 40 °C



max. 80 % relative humidity

PAINT SYSTEMS

EXAMPLES

		Product(s) (other paint systems on request)
	Priming coats	GEHOLIT-K48-Metallgrund GEHOLIT-K65-Metallgrund
	Top coat	GEHOLIT-K48

SAFETY MEASURES



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

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