

MAIN PRODUCT-PROPERTIES

- Mechanical durable 2-pack epoxy Topcoat with a good chemical resistance
- In combination with suitable priming coats as high-grade corrosion protection system
- At natural weathering respectively UV-stress topcoats based on 2-pack epoxy are not recommended

PRODUCT DATA

GEHOPON-E8, satin glossy



E8-S.... (RAL-colours, other colours on request)




Mixing ratio by weight

4:1 with curing agent EX-35



Thinner V-538

GEHOPON-E8 / Guideline

	Density (g/mL)	Solid content (weight %)	VOC-content (weight %)	Solid content by volume	
	1.25	66.5	33.5	(%)	(mL/kg)
	DFT * (µm)	Calculated wet-film thickness (µm)	Consumption (kg/m ²)	Spreading rate (m ² /kg)	
	80	154	0.190	5.2	

COMMENTS ON PROCESSING

Recommendation at temperatures of approx. 20 °C



Airless/
Airmix



High
pressure



Roller/Brush
application




Application viscosity (s) (8 mm DIN-cup)	12 to 18	8 to 12	15 to 20
Nozzle diameter (mm)	0.33 to 0.58	1.5 to 2.0	-
Material pressure (bar)	150 to 250	-	-
Atomiser pressure (bar)	2.0 to 3.0	3.5 to 4.5	-
DFT * per working operation (µm)	80 to 100	80 to 100	40 to 60
Addition of thinner (%)	0 to 5	4 to 7	0



Pot life

6 to 8 hours (relating to temperature)

* DFT = Dry Film Thickness

Drying/Curing times at 80 µm DFT		Ambient air temperature 20 °C
	touch dry:	after approx. 30 minutes
	tack free:	after 5 to 6 hours
	ready for overcoating/handling:	after 12 to 16 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 tests are recommended



Air and surface temperature


optimal at 15 to 25 °C, not below 10 °C, not over 40 °C



max. 80 % relative humidity

PAINT SYSTEMS

EXAMPLES

		Product(s) (other paint systems on request)
	Priming coats	GEHOPON-E45R-Metallgrund GEHOPON-E24-Metallgrund GEHOPON-E90R-Metallgrund
	Top coat	GEHOPON-E8

SAFETY MEASURES



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

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