

TECHNICAL INFORMATION

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GEHOPON-E8 2C-EP Topcoat

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

7	8	9	÷
4	5	6	Х
1	2	3	Ξ
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Density (g/mL) 1.25
DFT * (µm)

80

(weight %) 66.5 Calculated wet-film thickness (μm)

154

Solid content

33.5

Consumption (kg/m²)

0.190

VOC-content

(weight %)

Solid content by volume
(%) (mL//kg)
52.0 415

Spreading rate (m²/kg)
5.2

COMMENTS ON PROCESSING

Recommendation at temperatures of approx. 20 °C

Application viscosity (s)

Nozzle diameter (mm)

(8 mm DIN-cup)

M

A



12 to 18

0.33 to 0.58



8 to 12

1.5 to 2.0



Roller/Brush

application

Airless/	High
Airmix	pressure

15 to 20

laterial pressure (bar)	150 to 250	-	-
tomiser 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)

Fax +49 7255 99-123 Fax +49 203 99707-10 Fax +49 35242 6565-29

^{*} DFT = Dry Film Thickness



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Drying/Curing times at 80 μm DFT	Ambient air temperature 20 ℃	
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



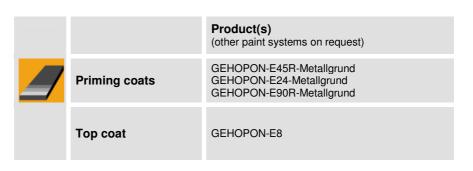
Air and surface temperature

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



max. 80 % relative humidity

PAINT SYSTEMS EXAMPLES



SAFETY MEASURES



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

Tel. +49 7255 99-0

Tel. +49 203 99707-0

Tel. +49 35242 6565-0

Fax +49 7255 99-123

Fax +49 203 99707-10

Fax +49 35242 6565-29

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