

## MAIN PRODUCT- PROPERTIES

- Additional transparent layer for increasing the degree of gloss and chemical resistance
- Ready for packaging after 5 hours curing at 20 °C
- Excellent mechanical stability, high scratch resistance
- Before overcoating of fully cured coatings with WIEREGEN-D54R-Klarlack grinding is recommended

## PRODUCT DATA

### WIEREGEN-D54R-Klarlack, glossy



D54R-G0050 transparent





#### Mixing ratio by weight

1:1 with curing agent DX-54R



Thinner V-562

### WIEREGEN-D54R-Klarlack / Guideline

	Density (g/mL)	Solid content (weight %)	VOC-content (weight %)	Solid content by volume	
	1.0	70.0	30.0	(%)	(mL/kg)
				66.0	660
	DFT * (µm)	Calculated wet-film thickness (µm)	Consumption (kg/m²)	Spreading rate (m²/kg)	
	30	45	0.045	22.0	

## COMMENTS ON PROCESSING

Recommendation at  
temperatures  
of approx. 20 °C



**Airless/  
Airmix**



**High  
pressure**



**Roller/Brush  
application <sup>1)</sup>**

	Airless/ Airmix	High pressure	Roller/Brush application <sup>1)</sup>
<b>Application viscosity (s)</b> (4 mm DIN-cup)	13 to 15	13 to 15	20 to 25
<b>Nozzle diameter (mm)</b>	0.23 to 0.28	1.0 to 1.5	-
<b>Material pressure (bar)</b>	125 to 175	-	-
<b>Atomiser pressure (bar)</b>	2.0 to 3.0	2.0 to 3.0	-
<b>DFT * per working operation (µm)</b>	30 to 40	30 to 40	30
<b>Addition of thinner (%)</b>	20 to 25	20 to 25	0 to 3




1) recommended only for small surfaces



#### Pot life

45 to 60 minutes (relating on 20 to 25 °C)

\* DFT = Dry Film Thickness

Drying/Curing times at 30 µm DFT		Ambient air temperature 20 °C
	touch dry:	after 60 minutes
	tack free:	after 2 hours
	ready for overcoating/handling:	after 5 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

		<b>Product(s)</b> (other paint systems on request)
	<b>Optional Priming coats</b>	GEHOPON-EW19-Metallgrund GEHOPON-E44R-Metallgrund
	<b>Monolayer / Top coats</b>	WIEREGEN-D54R WIEREGEN-D154R WIEREGEN-M165R / WIEREGEN-C165R
	<b>Clearcoat</b>	WIEREGEN-D54R-Klarlack

## SAFETY MEASURES



The relevant data can be found in the current material safety data sheets, available at [www.geholit-wierner.de](http://www.geholit-wierner.de).

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