

# MONOFER® G101 / G107

## Synthetic Resin Top Coat

### Product range

<b>Monofer® G101</b>	<b>Spraying application</b>
<b>Monofer® G107</b>	<b>Quality for brushing and rolling</b>

### Product Description

One-pack synthetic resin top coat with high gloss and good film build. Good weather-resistance, light fastness and flexibility. Sustained thermal resistance up to 80 °C dry heat.

### Areas of Application

Top coat for steel construction, machine parts, warehouse equipment, building and agricultural machinery.

### Application

Conventional and airless spraying, brushing (for small to medium areas).

Airless nozzles (approximate settings)

narrow = 211 / medium = 411 / wide = 611

Do not apply at temperatures below + 5 °C. Surface temperature must be at least 3 °C above dew point to prevent moisture condensation during application.

Can be recoated with Monofer G101 / G107 after 24 hours at 23 °C.

### Addition of Thinner

Conventional spraying	10 - 15 wt.-%	V1
Airless spraying	4 - 10 wt.-%	V1
Brushing	0 - 5 wt.-%	V1

### Special Notes

Our information is based on standard climate 23/50. The information contained in this technical data sheet is based on general technical standards and is meant for specialists. Any changes in the recommended operating procedures or specified environmental conditions may influence the results significantly. Our guarantee covers only the quality of the material delivered. We do not undertake any responsibility for the application. In case of doubt, we recommend contacting our Technical Service. Our products are under constant development. Therefore please note date of issue of our technical data sheet and ask for latest edition (also available directly from our website).

### Safety Measures

Monofer G101 / G107 contains solvents and is combustible. Protect from heat and keep away from naked flames. Ensure that ventilation is adequate. Do not inhale vapours. The Safety Data Sheet as well as the general regulations regarding work hygiene and operational measures must be observed.

### Technical Data

<b>Binder</b>	Alkyd resin
<b>Pigmentation</b>	Colored pigments
<b>Finish</b>	High gloss
<b>Color</b>	Color card RAL, NCS or sample
<b>Substrate</b>	One-pack primers, e.g.: - Protofer DS - Protopol F80 - Protopol F50  The surface must be dry, free of grease and dust.
<b>Thinner</b>	V1 (The use of other thinners may lead to defects and loss of quality.)
<b>Packaging</b>	5, 10 kg disposable containers
<b>Storage</b>	12 months in original, unopened containers stored at a temperature of 20 °C.
<b>Waste disposal</b>	Residues and expired material are considered as special refuse and must be treated as such, VeVa-code 08 01 11.

<b>Components</b>	1
<b>Drying (20 °C)</b>	Dust free approx. 45 min. Tack-free approx. 1.5 hours Dry to touch approx. 5 hours Transportable approx. 2 days  Drying times depend on film thickness, substrate and air temperatures.

<b>Solids content</b>	by weight : approx. 56 %	} white
<b>Density (20 °C)</b>	by volume: approx. 46 % approx. 1,1 kg/l	
<b>Theoretical consumption</b>	approx. 95 g/m <sup>2</sup> @ 40 µm	

	<b>Monofer G101/G107</b>	<b>V1</b>
<b>VOC value</b>	48 %	100 %
metallic	58 %	
clear	55 %	

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