

MEGENOL[®] SYNTHETIC RESIN PAINT

PRODUCT INFORMATION



Designation of type	⇒ MG	State of 4/18
Product description	⇒ High gloss special top coat with good protection against corrosion ⇒ Very good spraying properties, brushing possible ⇒ Good elasticity and impact resistance, high covering power	
Application area	⇒ General industry, protection against corrosion	
Binder	⇒ Modified alkyd resin	
Substrate/Preparation	⇒ All 1-component primers (for example KK 700, SO 700), wood ⇒ Cleaned or slightly sanded old coatings ⇒ All surfaces dry, free of fat, oil, grease and dirt	
Processing	⇒ Brushing, rolling undiluted, max. 10 % thinner VS 30; because of the fast drying brush marks are possible ⇒ Gravity feed gun: 1.3-1.7 mm nozzle, 3-4 bar atomisation pressure, 15-20 % thinner VS 30 ⇒ HVLP: 1.4-1.7 mm nozzle, 1.5-2.0 bar atomisation pressure, 10-15 % thinner VS 30 ⇒ Double-diaphragm-pump: 1.0-1.2 mm nozzle, 2.5-3.5 bar atomisation pressure, material pressure 0.8-2.0 bar, 10-15 % thinner VS 30 ⇒ Airmix: 0.23-0.33 mm nozzle, 3-4 bar atomisation pressure, material pressure from 70 bar up, 5-15 % thinner VS 30 ⇒ Airless: from 0.23 mm nozzle up, material pressure from 100 bar up, 0-10 % thinner VS 30 ⇒ Electrostatic: optional adjustable ⇒ Dependent on film thickness 1-2 spraying cycles, 3-6 minutes intermediate flash off time ⇒ Ambient temperature: at least + 10° C, relative air humidity: max. 75 % ⇒ Object temperature: at least + 5° C and at least 3° C above the dew point	
Viscosities	⇒ Compressed-air spraying:	20-30 sec. 4 mm / DIN
	⇒ Double-diaphragm-pump :	25-35 sec. 4 mm / DIN
	⇒ Airmix:	40-50 sec. 4 mm / DIN
	⇒ Airless:	70-90 sec. 4 mm / DIN
Thinner	⇒ VS 30	
Drying time at 20° C	⇒ Tack-free	after 1-2 hours
	⇒ Ready for installation	after 10-15 hours
	⇒ Complete drying	after a few days

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Colours	⇒ All RAL-colours, special colours
Degree of gloss	⇒ High gloss
Specific weight	⇒ Ø 1.2 g/cm ³ (± 5 % dependent on colour)
Solid matter content	⇒ Ø 68 % (percent by weight; ± 5 % dependent on colour)
Solvent content	⇒ Ø 32 % (percent by weight; ± 5 % dependent on colour)
Film thickness	⇒ 40-60 µm dry film thickness / 70-110 µm wet film thickness
Theoretical coverage	⇒ Ø 11.0 m ² /kg at 40 µm dry film thickness
Practical consumption	⇒ Compressed-air spraying: approx. 0.13 kg/m ² or 7.7 m ² /kg at 40 µm dry film thickness ⇒ Airless: approx. 0.17 kg/m ² or 5.9 m ² /kg at 60 µm dry film thickness
VOC-value ready for use	⇒ 495 g/l ⇒ Limiting value paint material for buildings: 500 g/l 2004/42/IIA(i)(500)495 ⇒ Limiting value industrial coating: no specification Coating of other metal and plastic surfaces
Standard packaging	⇒ 5 kg / 10 kg / 25 kg
Shelf life	⇒ At + 10 to + 30° C and unopened packaging 1 year
Material safety data sheet	⇒ No. 010
Flash point	⇒ > + 23° C