

MEGENAX[®] 2-COMPONENT WASH PRIMER

PRODUCT INFORMATION



Designation of type	⇒ SO 715	State of 4/18
Product description	⇒ 2-component bonding coating for “difficult” substrates, for example zinc, aluminium, VA ⇒ Fast drying, passivating and phosphating acid primer ⇒ Recoatable with many 1- and 2-component top coats except 2-component epoxy resin coats ⇒ Outside storage without top coat only temporary	
Application area	⇒ General industry, construction of vehicles	
Binder	⇒ Epoxidized, phenolic resin modified polyvinyl butyral	
Substrate/Preparation	⇒ Steel tin plate: absolute greaseless, hand or eccentric sanding St 2-3 (P80-P220) ⇒ Aluminium: Chromating or hand or eccentric sanding St 2-3 (P80-P220) ⇒ Zinc plate: wetting agent washing or hand or eccentric sanding St 2-3 (P80-P220) ⇒ Stainless steel: pickling or hand or eccentric sanding St 2-3 (P80-P220) ⇒ Remove abrasive dust by washing with solvent ⇒ Prime immediately after sanding and washing (danger of oxidation) ⇒ All surfaces dry, free of fat, oil, grease and dirt	
Processing	⇒ Compressed-air spraying: 1.4-1.6 mm nozzle, 3-5 bar atomisation pressure, undiluted ⇒ HVLP: 1.4-1.6 mm nozzle, 2-3 bar atomisation pressure, undiluted ⇒ Double-diaphragm pump: 1.0-1.2 mm nozzle, 2-4 bar atomisation pressure, material pressure 0.8-2.0 bar, undiluted ⇒ Electrostatic: optional adjustable ⇒ Dependent on film thickness 1-2 spraying cycles, 2-4 minutes intermediate flash off time ⇒ Ambient temperature: at least + 8° C, relative air humidity: max. 80 % ⇒ Object temperature: at least. + 5° C and at least 3° C above the dew point	
Viscosity	⇒ Compressed-air spraying 16-20 sec. 4 mm / DIN hardened	
Mixing ratio	⇒ 1 : 1 by volume	
Hardener	⇒ SO 080 B, thoroughly mix primer and hardener	
Pot life	⇒ Approx. 8 hours at 20° C	
Thinner	⇒ VS 50 as cleaning thinner	
Drying time at 20° C	⇒ Dust-dry	after 10-15 minutes
	⇒ Tack-free	after 30-40 minutes

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Recoatability	⇒ Wet in wet after 20-30 minutes (stripped off matt) or after no sticking ⇒ With many 1- and 2-component top coats except 2-component epoxy resin coats and polyester putty ⇒ In case of doubt, check the recoatability before coating
Colour	⇒ Light grey
Degree of gloss	⇒ Flat
Specific weight	⇒ Approx. 0.95 g/cm ³
Solid matter content	⇒ Approx. 41 % (percent by weight)
Solvent- content	⇒ Approx. 59 % (percent by weight)
Film thickness	⇒ 10-20 µm dry film thickness / 75-150 µm wet film thickness ⇒ 15-20 µm dry film thickness with 1 subsequent top coat layer ⇒ 10-15 µm dry film thickness with 1-2 subsequent top coat layers
Theoretical coverage	⇒ Approx. 8.6 m ² /l at 15 µm dry film thickness
Practical consumption	⇒ Compressed-air spraying: approx. 0.17 l/m ² or 6.0 m ² /l at 15 µm dry film thickness
VOC-value ready for use	⇒ 740 g/l ⇒ Limiting value paint material for buildings: 500 g/l ⇒ Limiting value car repair coating: 780 g/l 2004/42/II B(c)(780)740 ⇒ Limiting value industrial coating: no specification Coating of other metal and plastic surfaces
Standard packaging	⇒ Primer 10 l ⇒ Hardener 10 l
Shelf life	⇒ Primer and hardener at + 10 to + 30 °C and unopened packaging 1 year
Material safety data sheet	⇒ Primer No. 008, hardener No. 059
Flash point	⇒ > + 23° C