

Designation of type	⇒ KK 300, KK 700	State of 4/18
Product description	⇒ 1-component zinc phosphate anticorrosion primer ⇒ Simple processing, fast drying, good adhesion to steel ⇒ High stability on vertical surfaces ⇒ Recoatable with 1-component synthetic resin and acrylic resin coats	
Application area	⇒ General industry, steel construction, protection against corrosion	
Binder	⇒ Short oil-alkyd resin	
Substrate/Preparation	⇒ Steel: at least degrease, better hand or eccentric sanding St 2-3 (P80- P220) or sand blasted to Sa 2 ½ DIN EN ISO 12944, part 4 ⇒ Cast iron: sand blasted to Sa 2 ½ DIN EN ISO 12944, part 4 ⇒ All surfaces dry, free of fat, oil, grease and dirt	
Processing	⇒ Brushing, rolling undiluted, max. 5 % thinner VS 15 or VS 30; because of the fast drying brush marks are possible ⇒ Gravity feed gun: 1.3-1.7 mm nozzle, 3-4 bar line pressure, 15-20 % thinner VS 15 or VS 30 ⇒ HVLP: 1.4-1.7 mm nozzle, 0.7 bar atomisation pressure, 10-15 % thinner VS 15 or VS 30 ⇒ Double-diaphragm pump: 1. 0-1.2 mm nozzle, 2-4 bar atomisation pressure, material pressure 0.8-2.0 bar, 10-15 % thinner VS 15 or VS 30 ⇒ Airmix: 0.28-0.33 mm nozzle, 3-4 bar atomisation pressure, material pressure from 70 bar up, 5-15 % thinner VS 15 or VS 30 ⇒ Airless: from 0.23 mm nozzle up, material pressure from 100 bar up, 0-10 % thinner VS 15 or 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	⇒ Viscosity at delivery: 80-100 sec. 4 mm / DIN ⇒ Compressed-air spraying: 25- 35 sec. 4 mm / DIN ⇒ Airmix: 40- 50 sec. 4 mm / DIN ⇒ Airless: 80-100 sec. 4 mm / DIN ⇒ Dipping: 18- 25 sec. 4 mm / DIN	
Thinner	⇒ VS 15 ⇒ VS 30	

MEGENAX[®] STANDARD PRIMER

PRODUCT INFORMATION



Drying time at 20° C	⇒ Tack-free	after 20-30 minutes
	⇒ Ready for installation	after 4-8 hours
	⇒ Complete drying	after 1-2 days
Recoatability	⇒ Either after 3-5 hours or only after 15 hours	
	⇒ With 1-component alkyd and acrylic resin coats: MMT, MG, DG, DM, DS, DAC, WLT	
	⇒ In case of doubt, check the recoatability before coating	
Colours	⇒ KK 300 red brown, KK 700 light grey	
Degree of gloss	⇒ Flat	
Specific weight	⇒ Ø 1.45 g/cm ³	
Solid matter content	⇒ Ø 71 % (percent by weight)	
Solvent content	⇒ Ø 29 % (percent by weight)	
Film thickness	⇒ 50-100 µm dry film thickness / 125-250 µm wet film thickness	
	⇒ At sand blasted to Sa 2½ (roughness depth 45 µm) at least 60 µm dry film thickness	
Theoretical coverage	⇒ Approx. 6.0 m ² /kg at 50 µm dry film thickness	
Practical consumption	⇒ Compressed-air spraying: approx. 0.24 kg/m ² or 4.2 m ² /kg at 50 µm dry film thickness	
	⇒ Airless: approx. 0.33 kg/m ² or 3.0 m ² /kg at 80 µm dry film thickness	
VOC-value ready for use	⇒ 490 g/l	
	⇒ Limiting value paint material for buildings: 500 g/l	2004/42/IIA(i)(500)490
	⇒ Limiting value industrial coating: no specification	
	Coating of other metal and plastic surfaces	
Standard packaging	⇒ 15 kg / 30 kg	
Shelf life	⇒ At + 10 to + 30° C and unopened packaging 1 year	
Material safety data sheet	⇒ No. 002	
Flash point	⇒ > + 23° C	