

MEGACOLOR 2-COMPONENT HS CLEAR „EASY TO CLEAN“



PRODUCT INFORMATION

Designation of type	⇒ AGP 0015	State of 4/18
Product description	⇒ Special 2-component high solid clear coat with self-cleaning effect ⇒ With "Anti Graffiti" or "Easy to clean" kit ⇒ Reduced dirt absorption, high abrasion- and weather resistance ⇒ Simple processing, good stability on vertical surfaces ⇒ Fast drying, excellent polishability ⇒ Brilliant gloss and flow	
Application area	⇒ Car repair coating: passenger cars, utility vehicles (full coating, spot-repair) ⇒ Industrial coating	
Binder	⇒ Polyester modified hydroxyacrylic resin	
Substrate/Preparation	⇒ Solvent or water based base coats and 2-component top coats	
Processing	⇒ Gravity feed gun: 1.3-1.5 mm nozzle, 3-5 bar line pressure, 0-10% thinner ⇒ HVLP / gravity feed gun: 1.2-1.4 mm nozzle, 2-3 bar line pressure, 0.7 bar atomisation pressure, 0-10% thinner ⇒ Spray 2 spraying cycles with good flow, intermediate flash off time 5-10 minutes ⇒ Ambient temperature: at least + 15° C, relative air humidity: max. 75 % ⇒ Object temperature: at least + 10° C and at least 3° C above the dew point	
Viscosity	⇒ Spray viscosity 16-20 sec. 4 mm / DIN, hardened and diluted	
Mixing ratio	⇒ 2:1 by volume	
Hardener	⇒ MEGACOLOR 2K-HS hardener Standard AHP 0015 ⇒ MEGACOLOR 2K-HS hardener Short AHP 0016 ⇒ Thoroughly mix paint and hardener, then thin if necessary	
Pot life	⇒ 3-4 hours at 20° C with hardener Standard AHP 0015 ⇒ 2-3 hours at 20° C with hardener Short AHP 0016	
Thinner	⇒ MEGACOLOR thinner Standard VS 40 ⇒ MEGACOLOR thinner Short VS 41	
Drying time at 20° C	⇒ Ready for installation	after 5-8 hours
	⇒ Complete drying	after a few days
	⇒ Anti graffiti-resistance	after 7-10 days

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Drying time at 60° C	⇒ Flash off time before heat hardening approx. 10 minutes ⇒ Approx. 30 minutes at 60° C substrate temperature with hardener Standard AHP 0015 ⇒ Approx. 25 minutes at 60° C substrate temperature with hardener Short AHP 0016 ⇒ The higher the drying temperature, the better the anti graffiti-effect
Polishability	⇒ When drying at 21 °C: after complete drying ⇒ When heat hardening: let cool down, immediately polishable after
Recoatibility	⇒ After slight sanding
Degree of gloss	⇒ High gloss
Specific weight	⇒ Approx. 1.00 g/cm ³
Solid matter content	⇒ Approx. 47 % (percent by weight)
Solvent content	⇒ Approx. 53 % (percent by weight)
Film thickness	⇒ 60 µm dry film thickness / 160 µm wet film thickness
Theoretical coverage	⇒ Approx. 6.0 m ² /l at 60 µm dry film thickness
Practical consumption	⇒ Compressed-air spraying: approx. 0.24 l/m ² or 4.2 m ² /l at 60 µm dry film thickness
VOC-value ready to use	⇒ 550 g/l ⇒ Limiting value car repair coating: 840g/l 2004/42/IB(e)(840)550 ⇒ Limiting value industrial coating: no specification Coating of other metal and plastic surfaces
Standard packaging	⇒ Clear coat 5.0 l ⇒ Hardener 2.5 l
Shelf life	⇒ Clear coat at + 10 to + 30° C and unopened packaging 1 year, hardener ½ year
Material safety data sheet	⇒ Clear coat No. 031, hardener AHP 0015 No. 050, AHP 0016 No. 051
Flash point	⇒ > + 23° C