

# PROTECTIVE PRIMERS



**455**  
**EPOXY PRIMER 2:1**



**404**  
**WASHPRIMER 2:1**



**26032**  
**1K EPOXY PRIMER**



**26022**  
**1K WASH PRIMER**

## PARAMETERS

Packages	1 L	1 L	aerosol 400ml	aerosol 400ml
Mixing ratio (by volume)	2:1	2:1 (on large surfaces 1:1 is possible)	X	X
Addition of thinner	10 - 25%	-	X	X
Binder basis	combination of epoxide-polyamide resin	orthophosphoric acid	epoxy resin	NC
Colour	light grey	yellow-green transparent	grey	red brown
Consumption	9 - 10 m <sup>2</sup> / l (by 35 μm dry film thickness)	8 - 10 m <sup>2</sup> / l	1 m <sup>2</sup>	1 m <sup>2</sup>
Action	creates an impermeable film on the surface, which prevents oxygen penetration and corrosion	oxidizes the surface layer of the metal so the metal can't react with oxygen anymore	insulation against moisture, active protection against corrosion	active protection against corrosion
Suitable substrates	iron and steel aluminium sanded galvanized sheet dried and sanded old paint layers	iron and steel aluminium sanded galvanized sheet	cleaned and sanded: blank metal; coated zinc; aluminium + anodized aluminium; old paints; glass fiber materials; plastic substrates primed with 1K Plastic Adhesive	cleaned and sanded: blank metal; cured painting; primer for refinishing parts; polyester substrates; aluminium; galvanized sheet metals with 3 - layer structure
Spray gun settings	nozzle: 1.2 - 1.6 mm pressure: 2 bar	nozzle: 1.3 - 1.5 mm pressure: 3 - 4 bar	X	X
Spray viscosity	16 - 28 s 4 mm DIN	16 - 18 s 4 mm DIN	X	X
Pot life	5 h	12 h	X	X
Number of coats	1 - 2	1 - 1.5	1 - 2	1 - 2
Coat thickness	25 - 50 μm	10 - 15 μm	20 - 30 μm	10 - 20 μm
"Wet-on-wet" application	+	-	+	-
Flash-off time	10 - 15 min	10 min	12 - 15 min	10 - 15 min
Drying time	dust dry: 10 - 15 min recoatable: 30 - 45 min sandable: 6 - 8 h at 20°C	dust dry: 4 - 6 min set to touch: 20 - 25 min recoatable: 30 min.- 8 h	IR dry: 8 - 10 min	IR dry: 3 min
Recoatable with putties	after 30 min. at 60 °C or 1 - 2 hours at room temperature. Do not apply more than 25 μm film thickness (1 thin layer) when putties will be used for recoating	no	after 30 min. at 60 °C or 1 - 2 hours at room temperature. Do not apply more than 25 μm film thickness (1 thin layer) when putties will be used for recoating	no
Top Coat	1K and 2K paints	2K paints	1K and 2K paints	2K paints
Special remarks:	must be sanded after 48 hours	the adhesion to stainless steel substrates has to be tested first. Must be recoated with a 2k coat. Primed with Wash Primer parts should be protected against humidity. Do not use on thermoplastic. Not to be refinished with polyester	shake before use	shake before use
Sanding	P 220 - P 400	no	P 220 - P 400	no

Based on the distinctive features of each primer you can choose the one that suits you best in each specific situation