











Technical Data Sheet

PROTECT 3000 PREMIUM MS

Acrylic primer

PROPERTIES			
<p>PROTECT 3000 - the basic acrylic primer in our offer. The high quality resins and special additives give the product a very good adhesion to various substrates, ensure good anti-corrosion protection and insulate polyester materials (body fillers) from top layers (topcoats and basecoats). The produced layer thickness allows filling medium-sized surface scratches from treatment of previous layers.</p>			
RELATED PRODUCTS			
HARDENER 3000/3600	Hardener for acrylic primer (64° - 86°F / 18° - 30°C)		
THIN 8500	Thinner for acrylic products (50° - 86°F / 10° - 30°C)		
SUBSTRATES			
Old paint coatings, including thermoplastic paints	Degrease, dry sand with P220 – P280, blow off, degrease again.		
Body fillers	Dry sand, use P240 - P320 for final sanding, blow off, degrease.		
Epoxy primers	Up to 12 hours without sanding, after 12 hours sand dry with P320, blow off, degrease.		
Steel	Degrease and dry sand with P120.		
Aluminium	Degrease, mat with an abrasive needled cloth, degrease again.		
Galvanised steel	Degrease, mat with an abrasive needled cloth, degrease again.		
Stainless steel	Degrease.		
Wash primers	Apply after drying.		
Polyester laminates	Degrease, dry sand with P280, blow off, degrease again.		
MIXING RATIO			
	PROTECT 3000 HARDENER 3000/3600 THIN 8500	Volume ratio	Weight ratio
		4	100
		1	16
		25% – 35%	14 – 20
<p>Apply the thinner in the amount calculated for the primer.</p>			

VISCOSITY				
	70°F /21°C			
	DIN #4		25 – 45 s	
	Zahn #2		35 – 70 s	
APPLICATION CONDITIONS				
It is recommended to apply the primer at a temperature above 59°F/15 °C and a humidity of no more than 80 %.				
APPLICATION				
 <p>CAUTION: Instructions of the equipment manufacturer must be followed.</p>	Conventional gravity fed spray gun	Tip size	Pressure	Distance
		1.6 – 2.0 mm	43 – 58 psi	6 – 8 inches
	Low-pressure gravity fed HVLP spray gun	1.6 – 2.0 mm	29 psi	4 – 6 inches
	Number of layers	2 – 3		
	Single dry layer thickness	1.2 – 1.6 mils		
	Mixture life at 68°F/ 20°C	1 h		
	Flash off time between layers at 68°F/20°C	5 – 10 min		
CURING TIMES				
	68°F/20°C	140°F/60°C		
	3 hours	30 min		
CAUTION: The curing times apply to the temperatures of the individual elements.				
IR DRYING				
	Distance	Follow the recommendations of the equipment manufacturer		
	Time depending on the type and power of the lamp	10 – 20 min		
CAUTION: Start IR heating no sooner than 10 mins after applying the last layer.				

SANDING		
	Dry sanding	P360 — P500
	Wet sanding	P600 — P1000
COLOUR		
Grey.		
TECHNICAL DATA		
Volume Ratio	4:1 + 25%	4:1 + 35%
Applicable Use Category	Primer	Primer
VOC (g/l)	517	539
VOC (lbs/gal)	4.31	4.50
Density (g/l)	1394	1363
Density (lbs/gal)	11.6	11.4
Volatiles wt. %	37.1	39.6
Water wt. %	0.0	0.0
Exempt wt. %	0.0	0.0
Water vol. %	0.0	0.0
Exempt vol. %	0.0	0.0
Solids vol. %	41.5	38.9
STORAGE CONDITIONS		
Store in a cool dry room, away from sources of fire and heat. Avoid direct exposure to sunlight.		
SHELF LIFE		
PROTECT 3000	24 months at 68°F/20°C	
HARDENER 3000/3600	12 months at 68°F/20°C	
THIN 8500	24 months at 68°F/20°C	

SAFETY

See Safety Data Sheet.

NOTES

Use PROTECT 3000 with NOVOL HARDENER 3000/3600 hardener only.

Use of other hardeners may reduce the anti-corrosion properties and the chemical and mechanical resistance of the primer.

OTHER INFORMATION

The effectiveness of our systems results from laboratory research and many years of experience. The data contained herein meets the current knowledge about our products and their application potential. We ensure high quality, provided the user follows the instructions and the work is performed in accordance with good workmanship. It is necessary to do a test application of the product due to its potentially different reaction with different materials. We may not be held liable for defects if the final result was affected by factors beyond our control.