

Technical data sheet **PROTECT 340** Wash primer

PROPERTIES			
PROTECT 340 WASH PRIMER – an anti-corrosion wash primer based on polyvinyl resins. The product ensures excellent adhesion to various substrates and a very high anti-corrosion resistance, also on damaged coating (scratches and chips of the paint coating). Intended for application in thin layers in combination with any acrylic filler.			
RELATED PRODUCTS			
H 5910		Hardener	
SUBSTRATES			
Steel		Degrease, dry sand with P120, blow off, degrease again.	
Aluminium		Degrease, dry sand P280 ÷ P360 or mat with an abrasive needled cloth, degrease again.	
Galvanised steel		Degrease, mat with an abrasive needled cloth, blow off, degrease again.	
MIXING RATIO			
	PROTECT 340 H 5910	Volume ratio	Weight ratio
		1 1	100 80
Apply the thinner in the amount calculated for the primer.			
VISCOSITY			
	DIN 4/20°C	18 – 20 s	
CONTENT OF VOLATILE ORGANIC COMPOUNDS			
VOC II/B/c limit*		780 g/l	
Actual VOC content		780 g/l	
* For ready to use mixture acc. to EU Directive 2004/42/CE			
APPLICATION CONDITIONS			
It is recommended to apply the primer at a temperature above 15°C and a humidity of no more than 80 %.			

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APPLICATION				
 CAUTION: Instructions of the equipment manufacturer must be followed.	Conventional gravity fed spray gun	Nozzle	Pressure	Distance
		1.2 – 1.5 mm	3 – 4 bar	15 – 20 cm
	Low-pressure gravity fed HVLP spray gun	1.2 – 1.3 mm	2 bar	10 – 15 cm
	Number of layers	1 – 2		
	Single dry layer thickness	5 – 10 µm		
	The yield of the ready to use mixture for the given range of dry layer thickness	11 m²/l at 10 µm		
	Mixture life at 20°C	2 days		
	Flash off between layers at 20°C	5 – 10 min		
DRYING TIMES				
	10 min at 20°C			
COLOUR				
Red.				
EQUIPMENT CLEANING				
THIN 850 acrylic thinner or NC solvent.				
STORAGE CONDITIONS				
Store in a cool dry room, away from sources of fire and heat. Avoid direct exposure to sunlight.				
SHELF LIFE				
PROTECT 340	24 months/20°C			
H 5910	24 months/20°C			
SAFETY				
See Safety Data Sheet.				
NOTES				
Do not apply polyester putties, epoxy primers or acrylic basecoats directly on the wash primer. Use PROTECT 340 with NOVOL H 5910 hardener only. Use of other hardeners may reduce the anti-corrosion properties.				

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.

ADDITIONAL INFORMATION

WEIGHT QUANTITY OF COMPONENTS:

CAUTION!

In order to obtain a primer with appropriate parameters it is very important to exactly dose the individual components.

Mixture quantity	PROTECT 340	H 5910
0.10 l	53 g	41 g
0.15 l	80 g	61 g
0.20 l	106 g	82 g
0.25 l	133 g	102 g
0.30 l	160 g	122 g
0.40 l	213 g	163 g
0.50 l	267 g	204 g
0.75 l	400 g	305 g
1.00 l	534 g	407 g