






Technical Data Sheet

BODY PROTECT

Anti-corrosion car body protection

PROPERTIES


- A product designed and dedicated for renovation of classic cars
 - Very good elasticity
- Special additive for anti-corrosion protection of surfaces immediately after application
- High resistance to impact by stones
 - Very low VOC content
 - Coatable by acrylic clearcoats

SUBSTRATES				
Old paint coatings	Degrease, dry sand with P220 – P360, degrease again.			
Polyester laminates	Degrease, dry sand with P280, degrease again.			
Steel	Clean steel surfaces until reaching Sa 2 ^{1/2} (wet blasting) or St3 (manual cleaning or using a power tool) in accordance with the PN-ISO 12944-4 standard; the surface after the treatment must be free from oil, grease, dust, loose old paint coating, mill scale, rust and foreign contaminants; the surface should exhibit the gloss of the metal substrate.			
Galvanized steel	Degrease, mat with a fine abrasive needled cloth, degrease again.			
Aluminium	Degrease, mat with an abrasive needled cloth, degrease again.			
Epoxy primers	Up to 12 hours without sanding, after 12 hours sand dry with P320 – P360			
Polyester putties	Dry sand, use P240 – P320 for final sanding.			
Stainless steel	Degrease and mat with an abrasive needled cloth. Degrease again.			
Wash primers	Without preparation, after 15 minutes.			
CONTENT OF VOLATILE ORGANIC COMPOUNDS				
VOC II/B/e limit*	840 g/l			
Actual VOC content	40 g/l			
* For ready to use mixture acc. to EU Directive 2004/42/CE				
APPLICATION				
 <p>CAUTION: Instructions of the equipment manufacturer must be followed.</p>	Conventional gravity fed spray gun	Nozzle	Pressure	Distance
		4.0 mm	2 – 4 bar	15 – 20 cm
	Number of layers	2 – 3		
	Single dry layer thickness	120 µm		
	The yield of the ready to use mixture for the given range of dry layer thickness	approx. 4.0 m ² /l at 100 µm		
	The actual yield depends on the surface shape, roughness and application parameters.			
	Flash-off time between layers	10 min		
<p>Shake the container before use! In case of applying BODY PROTECT directly on steel to obtain the best anti-corrosion properties, it is recommended to secure the metal substrate with an epoxy primer.</p>				



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DRYING TIME			
	24 h/20°C at 200 µm After 24 hours from application, the surface may be coated with coat.		
TECHNICAL DATA			
Product	Solids content by weight	Solids content by volume	Density
BODY PROTECT	≈ 58 %	≈ 38 %	≈ 1.27 g/cm ³
COATABILITY			
Acrylic topcoats, basecoats, acrylic clearcoats.			
APPLICATION CONDITIONS			
It is recommended to apply the agent at a temperature above 15°C and a humidity of no more than 80 %.			
COLOUR			
Black			
EQUIPMENT CLEANING			
Water or nitro thinner.			
STORAGE CONDITIONS			
Store at above +5°C in a dry room, away from sources of fire and heat. Avoid direct exposure to sunlight.			
SHELF LIFE			
BODY PROTECT	12 months/20°C		
SAFETY			
See Safety Data Sheet.			
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 trial/test application of the product due to the potential variation of product performance between substrate materials. We may not be held liable for defects if final results were affected by factors beyond our control.			