

NOVOL
for Classic Cars

Technical Data Sheet

POLYCOAT PROTECT SPRAY 2K

Anti-Corrosion Topcoat for Chassis Protection

PROPERTIES


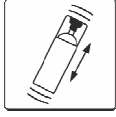
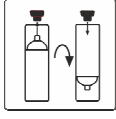
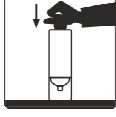
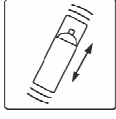
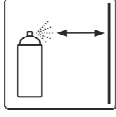
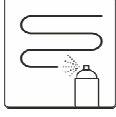
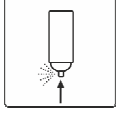
- A product developed and dedicated sport refinishing of classic cars, suspension components and motorcycles
- High yield with ensured constant spray pressure until emptying the can
- Excellent anti-corrosion properties
- High weather and chemical environment resistance
- Good chemical resistance
- Very good mechanical resistance




DESCRIPTION

Two-component anti-corrosion topcoat with a satin black finish in a 2K spray can. It is intended for spot protection of chassis, suspension components and motorcycles. The high thixotropy helps in application to the confined areas of the chassis and on the complex shapes of suspension parts. The anti-corrosion topcoat boasts high adhesion, as well as anti-corrosive and elasticising additives. The POLYCOAT PROTECT SPRAY 2K ensures constant spray pressure until the can is empty, with a professional finish.

CHASSIS SUBSTRATES	
Steel	<p>Pretreat as specified in the EPOXY PRIMER TDS. Coat with the EPOXY PRIMER.</p>
Aluminium	<p>Pretreat as specified in the EPOXY PRIMER TDS. Coat with the EPOXY PRIMER.</p>
EPOXY PRIMER	<p>Apply once the epoxy primer has cured for 24h at 20°C. Dry sand with claret abrasive cloth or P220 to P320 grit paper. Blow off all dust and degrease with the SILICONE REMOVER.</p>
HYBRID EPOXY PRIMER – ANTI-CORROSION	<p>The chemical activity life is up to 7 days at 20°C without matting. The recommended time to recoating is 24h at 20°C If necessary, dry sand with a red abrasive cloth or P220 to P320 grit paper. Blow off all dust and degrease with the SILICONE REMOVER.</p>
SUSPENSION SUBSTRATES	
Steel	<p>ABRASIVE BLASTING: Clean to Sa 2^{1/2} The surface should be dry and free of oils, grease, dust, loose old coatings, milling scale, rust, and foreign bodies. The surface should exhibit a bare metallic gloss.</p> <p>POWER CLEANING: Use a carbon brush or sand by hand with P80 to P120 grit paper.</p> <p>Blow off all dust from the clean steel surface and degrease twice with the SILICONE REMOVER and blow off all dust again.</p>
Aluminium	<p>POWER CLEANING: Use a carbon brush or sand by hand with the following paper grit size: Rough: P80 to P180 Finish: P220 to P240</p> <p>Blow off all dust from the clean aluminium surface, degrease twice with the SILICONE REMOVER and blow off all dust again.</p>
VOC CONTENT	
VOC II/B/e limit*	840 g/l
Actual VOC	676 g/l
* For a ready for use (RFU) mixture acc. to EU Directive 2004/42/CE.	
APPLICATION CONDITIONS	
<p>The surface to be coated must be dry. The topcoat, coated substrate and ambient temperatures must not be below +15°C; the relative humidity must not exceed 80%. The temperature of the surface to be coated must exceed the dew point by at least 3°C.</p>	

PROCEDURE		
	Degrease the surface prepared as directed to above.	
	Shake the can for 2 min.	
	Remove the button from the cap, turn the can upside down and install the removed button in the can base.	
	To activate, do not remove the cap. Place the can on a firm surface and press the installed button down to release the hardener into the spray can.	
	Shake the can for 2 min to mix the components. The pot life of the resulting mixture in the can is 2 h maximum at 20°C.	
	Application: keep a distance of 15–20 cm.	
	Number of layers: 2 to 3 The flash-off time between layers at 20°C is 5 – 10 min. Single layer DFT: 25÷50 µm maximum.	
	Turn the can bottom up and press the spray valve for 5 s to purge clean.	
Single container yield for 100 µm of film thickness: approx. 0.7 m ² .		
CURING TIMES		
	20°C	60°C
Dust-free	30 min	10 min
Tack-free	5 h	30 min
Operating hardness	24 h	60 min
Final hardness	7 days	60 min + 1 day/20 °C
The curing times apply to the temperature of the chassis and individual suspension parts.		

IR DRYING	
	30 ÷ 45 min
<p>A short-wave IR lamp is recommended. Follow the recommendations of the equipment manufacturer! Start IR heating after at least 20 min after applying the last layer. The bottom layer of the epoxy primer should be cured thoroughly by IR heating, once hardened.</p>	
COLOUR	
Black.	
STORAGE CONDITIONS	
<p>Store in a cool, dry room, away from sources of fire and heat, at temperatures from 5 to 25 °C. Avoid direct exposure to sunlight.</p>	
SHELF LIFE	
POLYCOAT PROTECT SPRAY 2K	18 months/20°C
SAFETY	
See the Safety Data Sheet.	
OTHER INFORMATION	
<p>The effectiveness of our systems results from research in the laboratory and many years of experience. The data contained here meets the current knowledge about our products and their application potential.</p> <p>We ensure high quality, provided the user follows the instructions and the work is performed in accordance with good workmanship. It is necessary to perform a test application of the product due to its potential for varying reactions with different materials.</p> <p>We cannot be held liable for defects where the final results were affected by factors beyond our control.</p> <p>This TDS supersedes all its previous issues.</p> <p>Registration number: 000024104</p>	