



UP4900 RAPTOR 1K Roll Bar & Chassis - Gloss Black

UP4900



DRIVING SURFACE PERFECTION Version: 1.0 Date of issue: 04/01/2022








TECHNICAL DATASHEET

A 1K professional grade paint is ideal for use on roll bars and chassis or any vehicle surface that needs additional protection from impact, abrasion, corrosion and water damage. It provides a highly attractive but exceptionally tough and durable, smooth finish that is 5x tougher* than ordinary paints. RAPTOR Roll Bar & Chassis has outstanding adhesion and is UV and heat resistant up to 250°F. It's easy to use and its self-priming formula means it can be used direct to most prepared metals.


- 1K Pro Quality
- 5x Tougher*
- Self priming
- Clog Free nozzle
- UV & Heat Resistant up to 250°F

Product	Order Code	Format	Shelf Life
UP4900 RAPTOR 1K Roll Bar & Chassis - Gloss Black	UP4900	400ml Aerosol	5 years

APPLICATION INFORMATION

 <p>SDS FOR PPE RECOMMENDATIONS REFER TO SDS</p>	<p>This product contains hazardous materials and therefore appropriate personal protective equipment should always be used. Please refer to the label and consult the safety data sheet for full handling instructions and personal protection information.</p> 		
<p>Surface Preparation</p> 	<p>Substrate Direct to metal OEM paint Primed substrates Lightly abraded E-Coat</p>	<p>Degreaser SYSTEM 20 Solvent-Based Degreaser SYSTEM 20 Solvent-Based Degreaser SYSTEM 20 Solvent/Water-Based Degreaser SYSTEM 20 Solvent-Based Degreaser</p>	<p>Abrasion P180 - P220 P400 - P600 P400 - P600 P400 - P600</p>
<p>Mixing</p> 	<p>Shake the aerosol can for at least 2 minutes before use.</p>		
<p>Application</p> 	<p>Application Temperature ≈ 20 °C /68 °F Distance from the surface 25 cm Number of Coats 2 – 3 Flash-off at 70°F 5 – 10 minutes between coats Total Dry Film Thickness 25 – 30 µm Theoretical Coverage @ indicated DFT* 2.5 m²/unit / 27 ft²/unit *Theoretical Coverage assuming total dry film thickness is attained at 100% transfer efficiency.</p>		
<p>Drying Time</p> 	<p>PLEASE NOTE: drying times are dependent upon film thickness, humidity and temperature.</p> <p>Touch Dry at 70°F 30 minutes Dry-Through at 70°F Overnight</p>		
<p>Overcoating</p> 	<p>This formulation can be directly overcoated without sanding with most water/solvent-based paint systems, if applied within the over coat time. If left longer than 24 hours, lightly scuff before overcoating. . Raptor 1K Pro Enamel Diamond Clear Aerosol can be subsequently applied for optimum gloss and UV protection.</p> <p>Overcoatable at 70°F after 60 minutes Overcoatable at 70°F within 24 hours</p>		

TECHNICAL INFORMATION

<p>Physical properties</p> 	<p>Appearance Color Density</p>	<p>Liquid. Black 0.819 g/cm³</p>
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VOC Information 	Maximum Incremental Reactivity (MIR)	0.81
	MIR EPA Aerosol Category	Non-Flat Coating - NFP 1.4
	MIR CARB Aerosol Category	Nonflat Coating - General Coatings - NFP 0.95
	As Packaged Regulatory VOC	621.55 g/l (5.18 lbs gal)
	As Packaged Actual VOC	447.05 g/l (3.73 lbs gal)
	As Applied Regulatory VOC	621.55 g/l (3.73 lbs gal)
	As Applied Actual VOC	447.05 g/l (3.73 lbs gal)
	Percent Solids	13.39 wt%
	Percent Solids	9.63 vol %
	Volatiles	86.6 wt%
Water Content	0 wt%	
Water Content	0 vol %	
Exempt Compounds by weight	32.0 wt%	
Exempt Compounds by volume	28.1 vol %	
% EPA HAPS	1.5 wt%	
Storage 	Aerosol cans should be stored for two hours at room temperature before use. For long term storage, keep in a dry well ventilated area and away from direct sunlight and frost. To clear the nozzle and maximise the lifespan of your aerosol, always invert the can and spray upside down for a few seconds after each use. Should the nozzle become blocked, remove it from the can and soak it in gentle thinners.	
	Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up. Keep container tightly closed. Keep cool.	
	Recommended storage temperature	41 °F - 77 °F

U-POL disclaims any liability where the user does not wear the recommended personal protective equipment. The above data is for information only and may change without prior notice. It is the Buyers responsibility to ensure the suitability of the products for their own use and check the information is up to date. The recommendation of use of our products and application in our technical data sheets are based on our knowledge and experience. These data sheets are available via your local stockist or via the U-POL website at WWW.U-POL.COM. U-POL is not responsible for the results obtained by others over whose methods we have no control and thereof U-POL is not liable for consequential or incidental damages including loss of profits. U-POL is not liable for mis-use or abuse of its products and no application warranty is expressed or implied.

For additional technical assistance, please contact the U-POL Technical Department at technicalsupport@u-pol.com

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