

**TECHNICAL INFORMATION**

FOR PROFESSIONAL USE ONLY

<p><b>BUMPER PAINT</b> 1K STRUCTURAL PAINT</p>	
<p><b>PRODUCTS</b></p> <p>1K Structural Paint – Top coat with a special effect Thinner for acrylic products MULTI FÜLLER 1K Plastic Primer</p>	
<p><b>PRODUCT DESCRIPTION</b></p> <p>High-quality 1K thermoplastic topcoat with a special effect. Recommended for final painting of car parts made of plastic, such as bumpers, boards, mirrors. It allows to obtain a fine-grained structure imitating plastic, covering minor defects of the substrate.</p> <ul style="list-style-type: none"> <li>Extremely short curing time.</li> <li>Very good coverage.</li> <li>Highly scratch resistant.</li> <li>Very good adhesion to plastic primer.</li> </ul>	
<p><b>COLOUR:</b> black</p>	
<p><b>GLOSS GRADE:</b> matt</p>	

<p><b>VOLATILE ORGANIC COMPOUNDS</b></p> <p>VOC for mixture = 697 [g/l] This product meets the EU directive (2004/42/EC/II B) that sets the VOC value for its category (e), at 840 g/l.</p>	
<p><b>SURFACE PREPARATION</b></p> <p>It is designed to be applied on surfaces made of various kinds of plastic, especially polypropylene, PP, and its variables.</p> <p><b>Note:</b> <i>Surface needs to be degreased and primed with Plastic Primer 1K before the paint application.</i></p> <p>The surface designed for painting should be carefully degreased with detergent and wiped with abrasive fabric in advance. Then it should be again cleaned with detergent, rinsed with water and dried with air. It is recommended to heat the element at the temperature of 50°C prior to commencing painting works, which will help to remove silicone compounds from its surface.</p>	

APPLICATION PROCESS			
	<p><b>USE</b></p> <p>For car repairs as a top coat imitating bumper structure.</p>		<p><b>EVAPORATION TIME</b></p> <p>Between layers: 5÷10 minutes</p> <p>Evaporation time depends on the temperature and the number of layers.</p>
	<p><b>SPRAYING VISCOSITY</b></p> <p>Approx. 17÷18 seconds at 20°C/DIN4. <b>Thinner:</b> 50÷60%.</p>		<p><b>HARDENING TIME</b></p> <p>Dust free: approx. 15 minutes at 20°C. Final dryness: approx. 2 h at 20°C.</p> <p>Temperature below 20°C significantly increases the hardening time.</p>
	<p><b>NUMBER OF LAYERS AND RP GUN PARAMETERS</b></p> <p>1÷2 layers; <b>RP gun parameters:</b> Nozzle: 1.3÷1.4 mm; Pressure of input: 2.0÷2.2 bars. <b>HVLP gun parameters:</b> Nozzle: 1.3÷1.4 mm; Inlet pressure: 2.0 bars. Pressure – as recommended by the equipment manufacturer.</p>		

<p><b>PRODUCT EFFICIENCY</b></p> <p>1 liter of mixture is enough to cover a surface of 11 m<sup>2</sup> with a 20µm thick dry layer.</p>
<p><b>GENERAL NOTES</b></p> <ul style="list-style-type: none"> <li>The best repair results can be achieved at room temperature. The temperature in the body shop and the temperature of the product should be similar.</li> <li>When working with 2K products, it is recommended to use personal protection equipment. Protect the eyes and respiratory system.</li> <li>The rooms should be well ventilated.</li> <li>Clean the guns and equipment immediately after use.</li> </ul> <p><b>Caution:</b> <i>To maintain safety, always follow the instructions given in the MSDS for the products.</i></p>

**STORAGE**

Store the product between 15 to 25°C in a sealed container, in dry and cool places, away from fire and heat sources, as well as direct sunlight.

**Note:** After each use the container with product should be immediately closed!

**WARRANTY PERIOD**

1K Structural Paint	– 12 months from the date of production
Thinner for acrylic products MULTI FÜLLER	– 24 months from the date of production
1K Plastic Primer	– 12 months from the date of production

<b>PRODUCT</b>	<b>ART. No.</b>
1K Structural Paint	6961 (0,8l)
Thinner for acrylic products MULTI FÜLLER	300002258; 300002260 (1l; 5l)
Thinner for acrylic products – slow MULTI FÜLLER	14712 (5l)
Thinner for acrylic products – fast MULTI FÜLLER	14713 (5l)
1K Plastic Primer	1594 (1l)

**LIMITATION OF LIABILITY**

The information contained in the TDS is up-to-date and correct on the day the information is released.

Because TROTON can not control or predict the conditions under which a product will be used, each user should review information in the specific context of the intended usage. To the maximum extent permitted by applicable law, TROTON shall not be liable for damages of any kind arising from the use or reliance on information contained in this TDS.

Given the variety of factors that can affect the usage and application of the TROTON product, some of which are only within the user's knowledge and control range, it is essential that the user evaluate the TROTON product to determine if the product is fit for a particular purpose and whether the product is suitable for the user's usage.

Under no circumstances shall TROTON be liable to the user or any third party for any indirect, derivative, incidental, special or punitive damages, including loss of profits resulting from the use of products manufactured by TROTON and / or TROTON's services.

All information are based upon the precise laboratory studies and many years of experience. The good market position does not release us from the constant supervision of our products quality. However, we are not responsible for the final effects of the improper storage or application of our products, as well as for work inconsistent with the good craft practice.

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