

## TECHNICAL INFORMATION

FOR PROFESSIONAL USE ONLY

### Matt 2:1

Matt 2:1 ACRYLIC CLEARCOAT

#### PRODUCTS

Matt 2:1 Acrylic Clear Coat – Clear coat with matt effect  
Hardener 1:2 for Matt 2:1 Acrylic Clear Coat  
Thinner for acrylic systems Troton

#### PRODUCT DESCRIPTION

High-quality matt acrylic clear coat with a special effect. Intended for specialized repairs of car body parts that require a matt finish. It allows to obtain an evenly matt surface as well as a strong and durable finish.

- Excellent look of the coat.
- Very good flow and levelling.
- Durable coating.

Matt 2:1 Clear Coat can be mixed with Inter Troton Crystal and Zircon clear coats, as well as with Multi Füller MS 2:1.

Different degrees of matt is obtained depending on mixture ratios.



**COLOUR:** milky

**GLASS GRADE:** full matt

#### VOLATILE ORGANIC COMPOUNDS

VOC for the mixture = 593,7 [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.

#### SURFACE PREPARATION

Acrylic Clear Coats can be applied over:

- Base Coats,
- Old finishes in good condition after matting and degreasing.

For matting we recommend the following:

- grey abrasive fabric with a polishing compound,
- sanding paper with gradation of 600÷800 (wet sanding),
- sanding paper with gradation of 360÷400 (machine sanding).

#### APPLICATION PROCESS

USE		NUMBER OF LAYERS	
	Product is specially designed for repairs to exterior paint, that require matt finish.		2 full layers, total dry film thickness of approx. 50-60 µm.
			<b>RP gun parameters:</b> Nozzle: 1.3÷1.4mm; Pressure of input: 2.0÷2.2 bars.
	<b>MIXING RATIO</b> by volume		<b>HVLP gun parameters:</b> Nozzle: 1.3÷1.4mm; Pressure of input: 2.0 bars. Note: follow the gun producer's recommendations.
	Clear coat 2 parts Hardener 1 part Thinner 10%		<b>HARDENING TIME</b> Dust dry: 30 minutes at 20°C Touch dry: 24 hours at 20°C Temperature below 20°C significantly increases the hardening time.
	<b>SPRAYING VISCOSITY</b>		<b>EVAPORATION TIME</b>
	16÷18 seconds at 20°C.		Between layers: 10÷15 minutes
	<b>POT LIFE</b>		
	Approx. 7 hours at 20°C.		
<b>Caution:</b> Stir well before using.			

## DEGREES OF THE MATTING EFFECT

Coatings Matting Effect	Mixture of Clear Coat (Mix before adding Hardener)		Hardener	Thinner 10% for acrylic systems
	Matt 2:1	IT Crystal or Zircon or MF MS 2:1		
FULL MAT	100 ml	-----	50 ml	15 ml
EGG SHELL	90 ml	10 ml	50 ml	15 ml
SEMI GLOSS	75 ml	25 ml	50 ml	15 ml
FULL GLOSS	-----	100 ml	50 ml	15 ml

## PRODUCT EFFICIENCY

1 liter of mixture is enough to cover 8÷9 m<sup>2</sup> with a dry layer with thickness of 50 µm.

## POLISHING AND REMOVING IMPURITY INCLUSIONS

**Note: Do not polish!**

## GENERAL NOTES

- Do not exceed recommended doses of the hardener!
- 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.
- When working with 2K products, it is recommended to use personal protection equipment. Protect the eyes and respiratory system.
- The rooms should be well ventilated.
- Clean the guns and equipment immediately after use.
- Produkt należy dobrze wymieszać.
- Nie nakładać grubych warstw.
- Różne techniki aplikacji prowadzą do różnych stopni połysku.

**Caution:** To maintain safety, always follow the instructions given in the MSDS for the products.

## 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:

1. After each use the container with product should be immediately closed.
2. Protect the hardener from frost and dampness!

## WARRANTY PERIOD

Matt 2:1 Acrylic Clear Coat	– 12 months from the date of manufacture.
Hardener 1:2 for Matt 2:1 Acrylic Clear Coat	– 12 months from the date of manufacture.
Thinner for acrylic systems Troton	– 24 months from the date of manufacture.

PRODUCTS	Art. No.
Matt 2:1 Acrylic Clear Coat	6301 (1l)
Hardener 1:2 for Matt 2:1 Acrylic Clear Coat	6300 (0.5l)
Thinner for acrylic systems Troton	

## 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.

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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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