

TECHNICAL INFORMATION

FOR PROFESSIONAL USE ONLY

DIABOLIC MATT Acryl Clear Coat 2:1



PRODUCTS

DIABOLIC MATT Acrylic Clear Coat 2:1-Transparent clear coat matt
DIABOLIC GLOSSY Acrylic Clear Coat 2:1- Transparent high gloss clear coat
Hardener 1:2 for Clear Coat DIABOLIC
Thinner for acrylic products

PRODUCT DESCRIPTION

High quality Matt 2K acrylic clear coat with matt effect.
Destined for professional automotive repairs of areas that require a matt finish.
It allows to get an excellent matt appearance and a durable finish.

- ✓ Very good levelling.
- ✓ Hard finish.
- ✓ Excellent matt appearance.

Color - Transparent.
Gloss Grade – Full Matt.

DIABOLIC MATT Clear Coat can be mixed with glossy clear coat DIABOLIC GLOSSY.
Different degrees of matt may be obtained depending on mixture ratios.

VOLATILE ORGANIC COMPOUNDS

VOC for Mixture = 593,7 [g/l]

The share of VOC is below 840 g/l. These products meet the EU directive (2004/42/EC) that sets the VOC value for its category (IIB), at 840 g/l.

SURFACE PREPARATION

DIABOLIC Clear Coat can be applied over:

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



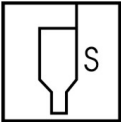
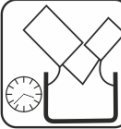
For matting we recommend the following :


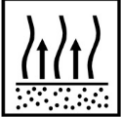

- ✓ Grey abrasive fabric with a polishing compound,
- ✓ Sanding paper with gradation of 600÷800 (wet sanding).
- ✓ sanding paper with gradation of 360÷400 (machine sanding).

EFFICIENCY

1 liter of mixture is enough to cover a surface of 8-9 m² with a 50µm thick dry layer.

APPLICATION PROCESS

| | | | | | | | |
|---|--|---------------------|---|-------------------|---|---------|-----|
|  | <p>Use Car body repairs that require matt finish</p> | | | | | | |
|  | <p>Mixing Ratio By Volume</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">DIABOLIC Clear Coat</td> <td style="text-align: right;">2</td> </tr> <tr> <td>DIABOLIC Hardener</td> <td style="text-align: right;">1</td> </tr> <tr> <td>Thinner</td> <td style="text-align: right;">10%</td> </tr> </table> | DIABOLIC Clear Coat | 2 | DIABOLIC Hardener | 1 | Thinner | 10% |
| DIABOLIC Clear Coat | 2 | | | | | | |
| DIABOLIC Hardener | 1 | | | | | | |
| Thinner | 10% | | | | | | |
|  | <p>Spraying Viscosity 16÷18 seconds at 20°C</p> | | | | | | |
|  | <p>Pot Life Approximately 7 hours at 20°C</p> | | | | | | |

| | |
|---|--|
|  | <p>Number of layers: 2 even full layers, total dry thickness 50÷60 µm</p> <p>RP gun parameters: Nozzle: 1,3÷1,4 mm, Pressure: 2,0÷2,2 bar</p> <p>HVLP gun parameters: Nozzle: 1,3÷1,4 mm; Pressure: 2,0 bar</p> <p>Note: follow gun producer's instructions</p> |
|  | <p>Evaporation Time</p> <p>Between Coats : approx. 10÷15 minutes Before Baking: approx. 15÷20 minutes</p> |
|  | <p>Hardening Time</p> <p>Dust free at 20°C: approx. 15 minutes Baking at 60°C: approx. 30 minutes</p> <hr/> <p>Temperature below 20°C significantly increases the hardening time.</p> |

MIXING WITH DIABOLIC GLOSSY

| Degrees Matt | Mixture of Clear Coat (Ratio before adding Hardener) | | Hardener for Clear Coat | Thinner 10% for acrylic systems |
|--------------|---|--------------------|----------------------------|---------------------------------------|
| | DIABOLIC MATT | DIABOLIC GLOSSY | | |
| 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 |

POLISHING AND REMOVING IMPURITIES INCLUSIONS

Note: Do not polish !!!

GENERAL NOTES

- ✓ Do not exceed recommended doses of hardener!
- ✓ The best repair results can be achieved at room temperature. Temperature in body shop and temperature of a product should be the same.
- ✓ When working with 2K products, it is recommended to use personal protection equipment. Protect the eyes and respiratory system.
- ✓ Clean the guns and equipment immediately after use.
- ✓ The rooms should be well ventilated.

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

STORAGE

Store the product components 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 products should be immediately closed! Protect the hardener against freeze and humidity!*

WARRANTY PERIOD

DIABOLIC MATT Clear Coat 2:1 – 12 Months from the Date of Manufacturer.
DIABOLIC GLOSSY Clear Coat 2:1 – 12 Months from the Date of Manufacturer.
Hardener 1:2 for DIABOLIC Clear Coats - 6 Months from the date of Manufacturer

Important Information:

The information contained in this document corresponds to our present knowledge and is a guide to our products and their uses.

Read all directions and warnings prior to using Troton products - Safety Data Sheets can be found online at www.troton.com.pl or will be sent according to your request: troton@troton.com.pl

Technical Information: The technical information, recommendations and other statements contained in this document are based upon tests or experience that Troton believes are reliable, but the accuracy or completeness of such information is not guaranteed.

Many factors beyond Troton's control and uniquely within user's knowledge and control can affect the use and performance of a Troton product in a particular application. Given the variety of factors that can affect the use and performance of a Troton product, user is solely responsible for evaluating the Troton product and determining whether it is fit for a particular purpose and suitable for user's method of application.

Limitation of Liability: Except where prohibited by law, Troton will not be liable for any loss or damage arising from the Troton product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.

If used as instructed, this product is designed to comply with the European Volatile Organic Compound (VOC) Emission Standard for Automotive Refinish Coatings. Confirm compliance with your country, state and local air quality rules before use. The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a