

## TECHNICAL INFORMATION

### FOR PROFESSIONAL USE ONLY

#### ULTRALIGHT CARBON Polyester putty

##### PRODUCTS

ULTRALIGHT CARBON – Ultra light and elastic polyester putty with carbon fiber and glass fiber. Hardener for the polyester putty.

##### PRODUCT DESCRIPTION

Highest quality light and flexible polyester putty reinforced with carbon and glass fiber for car repairs. Recommended for filling large dents and holes on metal and surfaces (e.g. car bumpers). Ideal for industrial applications where low specific weight of the product is important.

- ✓ Shows excellent adhesion to metal and plastic.
- ✓ High mechanical strength and good flexibility.
- ✓ Very good sanding properties..
- ✓ Reduced shrinkage of putty by 95% compared to standard products.

Color - Grey.

The degree of gloss - mat.

Density - 1.00 (+/- 0.03) kg / l.

##### VOLATILE ORGANIC COMPOUNDS

VOC for mixture = 40 [g/l].

The share of VOC is below 250 g/l. These products meet the EU directive (2004/42/EC) that sets the VOC value for its category (IIB), at 250 g/l.

##### SURFACE PREPARATION


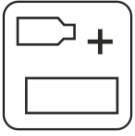



The product shows very good adhesion to various surfaces. It can be applied over:

- Black steel and zinc coated steel as well as aluminum after flatting and degreasing.
- Plastic panels of car bodies after flatting and degreasing.
- Sanded polyester glass fiber laminates (GFK / GRP), epoxy carbon laminates, polyester putties, acrylic and epoxy primers, and old paint coatings in good condition.

We recommend sandpaper with gradations: P80÷P120.

Note: Do not apply the putty directly on the wash primers, 1K acrylic and nitrocellulose products.

## APPLICATION PROCESS

	<p><b>Use</b> Polyester putty reinforced with carbon fiber for car repairs.</p>				
	<p><b>Mixing ratio</b> <span style="float: right;"><b>By weight</b></span></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Putty</td> <td style="width: 50%; text-align: right;">100</td> </tr> <tr> <td>Hardener</td> <td style="text-align: right;">3</td> </tr> </table> <p>Stir thoroughly until achieving paste of homogenous colour. Stir carefully to avoid air inclusions.</p>	Putty	100	Hardener	3
Putty	100				
Hardener	3				
	<p><b>Coating thickness</b> Putty can be applied in several thin layers. Before application of the next layer, the previous one must be cured. Do not exceed the thickness of 5 mm.</p> <p>Pot life is 5-6 minutes at 20 ° C.</p>				
	<p><b>Curing time</b> 30÷45 minutes at 20°C.</p> <p>Temperatures below 20 ° C significantly increases the curing time.</p>				
	<p><b>Sanding</b></p> <p>Coarse sanding (dry): P80 ÷ P120, Finishing sanding (dry): P120 ÷ P180.</p>				

**FURTHER WORK**

The following can be applied over carbon fibre polyester putties:

- ✓ 2K polyester putty
- ✓ 2K polyester spray fillers.

**GENERAL NOTES**

- ✓ Excessive amount of hardener will cause problems with bleaching of the topcoat!
- ✓ 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:**

1. *After each use the container with products shall be immediately closed!*
2. *Protect hardener against overheating!*

**WARRANTY PERIOD**

ULTRALIGHT CARBON Polyester putty – 12 months from the date of Manufacture.

Hardener for polyester putty – 18 months from the date of Manufacture.

**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](http://www.troton.com.pl) or will be sent according to your request: [troton@troton.com.pl](mailto:troton@troton.com.pl)

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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.

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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 general guide. Troton assumes no obligation or liability for use of this information.