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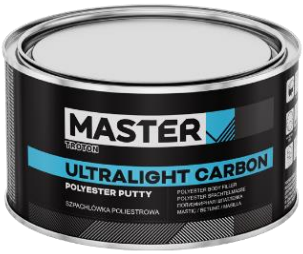
TECHNICAL INFORMATION

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 surfaces and made of plastic (e.g. car bumpers). Ideal for industrial applications where is low specific weight of the product important.

- **Exhibits excellent adhesion to metals and plastics**.
- High mechanical strength and good flexibility.
- Very good wear properties.
- Reduced shrinkage of putty by 95% compared to standard products.

COLOUR: grey

GLOSS GRADE: matt

DENSITY: 0,93 (+/- 0,03) kg/l

VOLATILE ORGANIC COMPOUNDS

VOC for the mixture = 40 [g/l]
This product meets the EU directive (2004/42/EC/II B) that sets the VOC value for its category (b), at 250 g/l.

SURFACE PREPARATION

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

- Black steel and galvanized steel as well as aluminum after flatting and degreasing.
- Elements of car bodies made of plastic after flatting and degreasing.
- Sanded polyester glass fibre 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.

Caution: *Do not apply the putty directly on the reactive primers, 1K acrylic and nitrocellulose products.*

APPLICATION PROCESS

USE

Polyester putty reinforced with carbon fiber intended for repairs of car body elements, especially those made of plastic. Recommended for repairing large dents and perforations.

NUMBER OF LAYERS

Putty can be applied in several thin coats. After each of them the product should be cured. Do not extend thickness of 5 mm.

Pot life is 5÷6 minutes at 20°C.

MIXING RATIO by weight

Putty	100 parts
Hardener	2-3 parts

Stir thoroughly until achieving homogenous paste. Be careful not to create air inclusions.

HARDENING TIME

30÷45 minutes at 20°C.

Temperature below 20°C significantly increases the hardening time.

SANDING

Coarse sanding (dry): P80÷P120.
Finishing sanding (dry): P120÷P180.

IR DRYING

It is not recommended.

FURTHER WORK

Polyester putties can be over coated with:

- 2K polyester putties,
- 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. • The rooms should be well ventilated. • Clean the guns and equipment immediately after use. **Caution:** *To maintain safety, always follow the instructions given in the MSDS for the products.*
STORAGE
Store the product components 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. *Close the container after use.* 2. *Protect it from overheating!*
WARRANTY PERIOD
ULTRALIGHT CARBON polyester putty – 12 months from the date of production Hardener for the polyester putty – 18 months from the date of production

PRODUCT	ART. No.
ULTRALIGHT CARBON polyester putty	9943 (1000ml)
Hardener for the polyester putty	

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.
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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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