
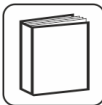

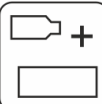





TECHNICAL INFORMATION

FOR PROFESSIONAL USE ONLY

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| <p>BLACK CARBON POLYESTER PUTTY</p> |  |
| <p>PRODUCTS</p> <p>BLACK CARBON – structural and conductive polyester putty. Hardener for the polyester putty</p> | |
| <p>PRODUCT DESCRIPTION</p> <p>High quality carbon and glass fibre reinforced polyester putty for car repairs. It is recommended for filling large dents and holes in vehicles, caravans and trailers on elements made of steel, galvanized steel, aluminum and plastics.</p> <ul style="list-style-type: none"> Shows perfect adhesion to metal and plastic. Very good flexibility. Short hardening time. Very good sanding properties. | <p>COLOUR: black</p> <p>GLOSS GRADE: matt</p> <p>DENSITY: 1,80 (+/- 0,03) kg/l</p> |

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| <p>VOLATILE ORGANIC COMPOUNDS</p> <p>VOC for the mixture = 41 [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.</p> | |
| <p>SURFACE PREPARATION</p> | |
| <p>The product has very good adhesion to various surfaces. It can be applied over:</p> <ul style="list-style-type: none"> Bare steel and aluminum after flatting and degreasing. Zinc coated steel after flatting and degreasing. Sanded glass fibre (GFK/GRP), polyester putties, acrylic and epoxy primers, existing coatings in good condition. Plastics (excluding PP and PE). | <p>We recommend sandpaper with gradations: P80÷P120.</p> <p>Caution: Do not apply the putty directly on the reactive primers, 1K acrylic and nitrocellulose products.</p> |

| APPLICATION PROCESS | | | | | | | |
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|  | <p>USE</p> <p>Carbon fibre reinforced polyester putty for fast car repairs, especially plastic elements. It is recommended for filling large dents and perforations in vehicles.</p> |  | <p>NUMBER OF LAYERS</p> <p>Putty can be applied in several thin coats. After each of them the product should be cured. Do not exceed the thickness of 3 mm. Pot life is 3÷6 minutes at 20°C.</p> | | | | |
|  | <p>MIXING RATIO by weight</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Putty</td> <td style="text-align: right;">100 parts</td> </tr> <tr> <td>Hardener</td> <td style="text-align: right;">2 parts</td> </tr> </table> <p>Stir thoroughly until achieving homogenous paste. Be careful not to create air inclusions.</p> | Putty | 100 parts | Hardener | 2 parts |  | <p>HARDENING TIME</p> <p>20÷30 minutes at 20°C. Temperature below 20°C significantly increases the hardening time.</p> |
| Putty | 100 parts | | | | | | |
| Hardener | 2 parts | | | | | | |
|  | <p>SANDING</p> <p>Coarse sanding (dry): P80÷P120. Finishing sanding (dry): P120÷P240.</p> |  | <p>IR DRYING</p> <p>It is not recommended.</p> | | | | |

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| <p>FURTHER WORK</p> <p>Polyester putties can be over coated with:</p> <ul style="list-style-type: none"> 2K polyester putties. 2K polyester spray fillers. |
| <p>GENERAL NOTES</p> <ul style="list-style-type: none"> 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. <p>Caution: To maintain safety, always follow the instructions given in the MSDS for the products.</p> |

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 containers immediately after application.
2. Protect the hardener from overheating!

WARRANTY PERIOD

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| BLACK 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.**

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|----------------------------------|-----------------------|
| BLACK CARBON Polyester putty | 2369; 1736 (1l; 0,5l) |
| 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.

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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