

TECHNICAL INFORMATION

FOR PROFESSIONAL USE ONLY

SPEC LONG LIFE

Polyester Putty

PRODUCTS

SPEC LONG LIFE – Filling and Finishing Polyester Putty
Hardener for the Polyester Putty

PRODUCT DESCRIPTION

High-quality polyester putty with an extended life time up to 30 minutes at 20 ° C. Intended for use on large surfaces. Perfect for filling railway cars, buses, containers, etc.

The consistency of the putty has been designed so that the product is easy to apply, but does not run down when applied in a thick layer, Notice : an application in thin layers allows for better adhesion. Additionally, the hardened material has adequate flexibility and is easy to process. It is characterized by very good adhesion to various types of surfaces.

- ✓ Extended life time up to 30 minutes.
- ✓ Very good adhesion to metals.
- ✓ Very easy mixing and application process.
- ✓ Good sanding quality.
- ✓ Perfectly smooth surface after sanding.

Color – Light grey

Gloss Grade – Matt.

Density – 1,81 kg/l

VOLATILE ORGANIC COMPOUNDS

VOC for the mixture = 105 [g/l]

The share of VOC is below 250 g/l. Due to that these products fulfill the EU directive (2004/42/EC) that sets the VOC value for this product category (IIB), as 250 g/l.

SUBSTRATES AND PREPARATION

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


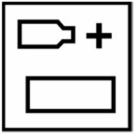



- ✓ Bare steel and aluminum after flatting and degreasing.
- ✓ Zinc coated, galvanized steel after flatting and degreasing.

- ✓ Sanded glass fiber (GFK/GRP), polyester putties, works primers and existing coatings in good condition.
- ✓ Wood substrate after flatting and degreasing.

We recommend sandpaper with gradations: P80÷P120.

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

APPLICATION PROCESS

	<p>USE Universal filling polyester putty for car and train repairs.</p>				
	<p>Mixing ratio by weight</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">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>If necessary, a thinner for polyester systems from Troton can be added to the putty, up to 3% by weight. Stir thoroughly until a paste of a uniform color is obtained. Stir carefully so as not to air the putty.</p>	Putty	100 parts	Hardener	2 parts
Putty	100 parts				
Hardener	2 parts				
	<p>Layer thickness It is recommended to apply in several thin (maximum 2mm) layers. The next layer should be applied after the previous one has gelled. Do not exceed the total thickness of the layers 6 mm.</p> <p>Pot life: 20 ÷ 30 minutes at 20oC. 45 ÷ 60 minutes at 8 ° C.</p>				
	<p>Hardening time 2,5÷3,0 hours at 20°C. 16 ÷20 hours at 8°C. Temperature below 20°C significantly increases the hardening time. Minimum application temperature : 8 °C.</p>				
	<p>Sanding</p> <p>Coarse sanding (dry): P80÷P120, Finishing sanding (dry): P120÷P320.</p>				

FURTHER WORKS

Polyester putties can be over coated with:

- ✓ 2-pack polyester putties.
- ✓ 2-pack polyester spraying fillers.
- ✓ 2-pack acryl fillers.
- ✓ 2-pack epoxy fillers.

GENERAL NOTES

- ✓ Excessive amounts of hardener will cause problems with bleaching of the topcoat!
- ✓ The rooms should be well ventilated.
- ✓ Tools should be washed directly after application.
- ✓ Use the efficient personal protection equipment during the 2K products application. Protect the eyes and air passages.

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

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.

Caution:

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

WARRANTY PERIOD

SPEC LONG LIFE – 12 months from the Date of Manufacture.

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

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 is based on meticulous laboratory tests and many years of experience. An established position on the market does not release us from continuous quality control of our products. However, we are not responsible for the final effects of improper storage or use of our products, and for work that is not in line with good craftsmanship.

TROTON Sp. z o.o.
Ząbrowo, Poland.