

Technical Data Sheet

BIGBOY FLEXIBLE FILLER

Ref: BIG31/BIG32

PRODUCTS

Bigboy Flexible Filler – BIG31 (250ml), BIG32 (600ml).
Hardener for the Polyester Putty.

PRODUCT DESCRIPTION

2K flexible polyester putty for car repairs. It is especially designed for plastic panel repairs subjected to vibrations.

- Very good adhesion to plastic.
- Exceptional flexibility.
- Good sanding properties.
- Very smooth surface after application and sanding.

Color - Dark Grey
Gloss Grade – Matt
Density – 1.86 (+/- 0.03) kg/l.

VOLATILE ORGANIC COMPOUNDS

VOC for the mixture = 26 [g/l]

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


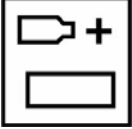



SURFACE PREPARATION

The product has very good adhesion to all outer plastic panels (PP, EPDM, ABS, PC, PPO, PA, RTPU, PBTP, PVC, PUR, PUR soft foam, UP-GF).

Before applying, it is necessary to clean the surface well with an abrasive needled cloth, degrease with water with detergent (do not use benzene based removers as they can dissolve the surface). Wash again using water with detergent, wash with pure water and dry with air.

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

APPLICATION PROCESS

	<p>USE Flexible polyester putty for plastic panel repairs.</p>
	<p>Mixing ratio by weight</p> <p>Putty 100 parts Hardener 2 parts</p> <p>Stir thoroughly until achieving homogenous paste. Be careful not to create air inclusions.</p>
	<p>Layer thickness Putty can be applied in several thin coats. After each of them the product should cure. Do not exceed the thickness of 3 mm.</p> <p>Pot life is 3-4 minutes at 20°C</p>
	<p>Hardening time 25-35 minutes at 20°C.</p> <p>Temperature below 20°C significantly increases the hardening time.</p>
	<p>Sanding</p> <p>Coarse sanding (dry): P80-P120. Finishing sanding (dry): P120-P320.</p>

FURTHER WORK:

Polyester PLASTIC putties can be over coated with:

- 2K acrylic fillers.
- 2K epoxy fillers.

It is recommended to ground plastic panels with 1K Plastic Primer before applying acrylic primer

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 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 the hardener from frost and dampness*

WARRANTY PERIOD

PLASTIC polyester Putty – 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 Technical Data Sheet is up-to-date and correct on the day the information is released.

As Silverhook cannot 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, Silverhook shall not be liable for damages of any kind arising from the use or reliance on information contained in this Technical Data Sheet.

Given the variety of factors that can affect the usage and application of the Silverhook product, some of which are only within the user's knowledge and control range, it is essential that the user evaluate the Silverhook 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 Silverhook 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 Silverhook and / or Silverhook'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.