Update date: 15.02.2023

TECHNICAL INFORMATION

FOR PROFESSIONAL USE ONLY

ALUMINIUM

POLYESTER PUTTY

COLOUR: dark grey

GLOSS GRADE: matt

DENSITY: 1.82 (+/- 0.03) kg/l

PRODUCTS

ALUMINIUM – polyester putty
Hardener for the polyester putty

PRODUCT DESCRIPTION

2K filling polyester putty with aluminum dust for car repairs. It is especially dedicated to repair metal panels subject to vibrations and frequent changes in temperatures.

- Good adhesion to metal.
- High conductivity.
- Soft sanding properties.

VOLATILE ORGANIC COMPOUNDS

VOC for the mixture = 31 [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:

- 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.

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

Filling polyester body filler recommended for mending panels exposed to temperature changes.

LAYER THICKNESS

Putty can be applied in several thin coats. After each of them the product should cure. Do not extend thickness of 3 mm.
Pot life is 4÷7 minutes at 20°C.

MIXING RATIO by weight

Putty	100 parts
Hardener	2 parts

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

IR DRYING

5÷7 minutes of short waves, depending on the layer thickness and the type of radiator.
Do not exceed the temperature of 60°C.
Use as recommended by the equipment manufacturer.
Wait about 5 minutes before the IR drying process.

SANDING

Coarse sanding (dry): P80÷P120.
Finishing sanding (dry): P120÷P320.

HARDENING TIME

20÷30 minutes at 20°C.
Temperature below 20°C significantly increases the hardening time.

FURTHER WORK

Polyester putties can be over coated with:

- 2K polyester putties,
- 2K polyester spray fillers,
- 2K acrylic fillers,
- 2K epoxy 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	
ALUMINIUM – polyester putty	– 12 months from the date of production
Hardener for the polyester putty	– 18 months from the date of production

PRODUCT	ART. No.
ALUMINIUM – polyester putty	1228; 1229; 1223; 1227 (250g; 400 g; 1 kg; 1,8 kg)
Hardener for the polyester putty	

LIMITATION OF LIABILITY

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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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