



TECHNICAL DATA SHEET No. 69

POLYESTER PUTTY 3 in 1

Product intended for professional use.

PRODUCT RANGE:

43342	Polyester putty 3 in 1; 200 g	43345	Polyester putty 3 in 1; 1800 g
43343	Polyester putty 3 in 1; 500 g	43346	Polyester putty 3 in 1; 6000 g
43344	Polyester putty 3 in 1; 1000 g		

CHARACTERISTICS:

Polyester putty 3 in 1 was designed in response to the needs of today's car body repair techniques. It has features and properties of classic fibreglass, filling and finishing putties, which are now successfully combined into a "one-step" product. It is characterized by good flexibility, excellent adhesion to various types of substrates, mechanical resistance and void-filling performance, whilst enabling very precise finish sanding. The putty offers the manifest advantage of easy processing with the benefit of reduced consumption of abrasive materials, energy and time spent. Polfill Putty 3 in 1 is a unique product with a wide range of applications, for perfect use in a range of everyday work situations.

PHYSICAL AND CHEMICAL PROPERTIES:

Thixotropic paste of light green colour with a characteristic smell, containing styrene. Maximum volatile organic compounds content in ready-to-use product: 250 g/L.

APPLICATIONS:

SUBSTRATE:

- steel,
- galvanized steel,
- aluminium,
- polyester laminates,
- primer paints,
- polyester putties,
- cured varnish coatings.

Do not apply directly onto reactive primers or one-component acrylic and nitrocellulose coatings.

SUBSTRATE PREPARATION:

Steel, galvanized steel – Use Polfill AUTOMOTIVE or PRO silicone Remover to remove dirt and impurities. Sand the surface manually or mechanically with P80 - P180 abrasive paper. Dust off with compressed air and then degrease again.

Aluminium – Use Polfill AUTOMOTIVE or PRO silicone Remover to remove dirt and impurities. Sand the surface manually or mechanically with P240 - P400 abrasive paper. Dust off with compressed air and then degrease again.

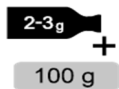
Putties and laminates – Use Polfill AUTOMOTIVE or PRO silicone Remover to remove dirt and impurities. Sand the surface manually or mechanically with P150 - P320 abrasive paper. Dust off with compressed air and then degrease again.



Two-component acrylic and epoxy primers – Apply the putty only to a properly dried and cured coating. Use Polfill AUTOMOTIVE or PRO silicone Remover to remove dirt and impurities. Sand the surface manually or mechanically with P180 - P320 abrasive paper. Dust off with compressed air and then degrease again.

Cured varnish coatings – Use Polfill AUTOMOTIVE or PRO silicone Remover to remove dirt and impurities. Sand the surface manually or mechanically with P180 - P320 abrasive paper. Dust off with compressed air and then degrease again.

PUTTY PREPARATION:



Mix thoroughly 100 parts by weight of the putty with 2 - 3 parts by weight of the hardener until a uniform colour is obtained.

The use of an incorrect amount of the hardener will affect the drying process and may cause coating defects.

HARDENER USED:

Dibenzoyl peroxide paste – supplied with the putty.

APPLICATION:



Apply in thin layers within 4 - 5 minutes/20°C from the time of preparation, at a temperature of at least 10°C. A single layer should not be thicker than 4 - 5 mm.

DRYING TIME:



30 - 35 minutes/20°C.
IR heater: heat for 4 - 6 minutes. Do not exceed 60°C.
If needed, repeat the heating step.
Process after cooling down to ambient temperature.

Temperatures below 20°C extend the drying process.

PRODUCTS THAT CAN BE APPLIED ONTO THE PUTTY:

- polyester putties,
- spray putties,
- acrylic primers,
- epoxy primers,
- reactive primers.



SANDING:



Dry sanding, manually or mechanically.
Preliminary sanding with P80 - P120 abrasive paper.
Finish sanding with P180 - P320 abrasive paper.

CLEANING THE EQUIPMENT:

POLFILL NITRO thinner.

STORAGE:

Store in original, tightly closed containers, in a dry, cool place, away from sources of heat and ignition, at a temperature 5 to 25°C. Do not expose to direct sunlight.

WARRANTY PERIOD:

The guarantee period is given on the product label.

HEALTH & SAFETY RECOMMENDATIONS:

Product safety data sheet and applicable health and safety regulations for working with chemical agents.

The information contained in this sheet has been developed based on our knowledge and practice. However, no individual product properties can be guaranteed under different conditions of use beyond our control. Therefore, we cannot accept full responsibility for the results obtained in specific conditions of use. It is necessary to test the application of the product on a small area, due to the potential differences in the product performance depending on the substrate on which it is applied. We guarantee proper quality when used in accordance with the instructions contained in this Technical Data Sheet.