



CARBON FIBER PUTTY

Product intended for professional use.

PRODUCT RANGE:

43 218	Carbon fiber putty 200 g
43 219	Carbon fiber putty 500 g
43 220	Carbon fiber putty 1000 g
43 221	Carbon fiber putty 1800 g

CHARACTERISTICS:

Carbon fiber-reinforced polyester putty. It is characterized by optimum flexibility, very good adhesion to metals and plastics, as well as much higher mechanical strength compared with popular fiberglass putties. Perfect for repairing large defects and voids in car parts, motorcycles and boats. It enables component renovation without the use of a finishing putty top layer. It also offers a great advantage of a short curing time and very easy processing.

PHYSICAL AND CHEMICAL PROPERTIES:

Thixotropic paste of black 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,
- plastics (except PE, PTFE),
- carbon-fiber laminates,
- cured varnish coatings,
- wood, furniture boards,

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.

Plastics – 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.

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.

Wood, furniture boards or the like – The surface must be free from all kinds of impurities. Sand manually or mechanically with P120 - P240 abrasive paper. Dust off with compressed air.

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 within 4 - 5 minutes/20°C from the time of preparation, at a temperature of at least 10°C.

DRYING TIME:



15 - 25 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 putty,
- 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 from 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.