

UNDERBODY BRUSH PROTECT

A protective rubber mixture for brush application on vehicle undercarriage

Product intended for professional use.

PRODUCT RANGE:

43 237	UNDERBODY BRUSH PROTECT 1 kg
43 177	UNDERBODY BRUSH PROTECT 4 kg

CHARACTERISTICS:

A rubber-based compound with the addition of synthetic resins is a high-quality, fast-drying, durable and flexible agent intended for the protection of car underbody by manual application. It provides protection against impact of stones, effects of water, salt and oils. It is used on door sills, wheel arches, frames, outer parts of the floor, etc. It has sound-absorbing and sound-proofing properties.

Applied with a brush or paint roller, it provides a flexible coating that retains its properties in the temperature range from -30°C to + 70°C. High stability at elevated temperatures prevents the coating from "flowing", which is often the case with bituminous protection agents. At low temperatures, the product retains excellent flexibility and adhesion. After 3-4 hours from application, the coating can be covered with any topcoat system.

PHYSICAL AND CHEMICAL PROPERTIES:

Black liquid with an aromatic, sweet smell.

APPLICATIONS

SUBSTRATE:

- steel,
- galvanized steel,
- aluminium,
- polyester laminates,
- primer paints,
- polyester putties,
- cured paint coatings,
- plastics,
- original corrosion protection agents.

SUBSTRATE PREPARATION:

Steel, galvanized steel, aluminium - Apply a layer of suitable primer. Prepare the primed surface according to the instructions provided for the primer.

Polyester putties and laminates - Apply primer to the surface. Prepare the substrate according to the instructions provided for the primer.

Two-component acrylic and epoxy primers - In order to remove dirt and impurities, apply Polfill AUTOMOTIVE or PRO silicone Remover.

Sand the surface manually or mechanically with P180 - P400 abrasive paper. Dust off with compressed air and then degrease again. In the wet-on-wet system, apply as the next layer, according to the drying information provided by the manufacturer of the primer. Perform a test application.

Reactive primers - Apply as the next layer according to the drying information provided by the manufacturer of the primer. Perform a test application.

One-component acrylic and epoxy primers - Degrease the dried primer layer and sand with P240 - P400 abrasive paper. Dust off the surface 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 P320 - P500 abrasive paper. To ensure maximum adhesion to the substrate, it is recommended to apply Polfill Primer for Plastics before applying the protection compound.

Hardened paint coatings - In order to remove dirt and impurities, apply Polfill AUTOMOTIVE or PRO silicone Remover. Sand the surface manually or mechanically with P240-P500 abrasive paper, and then dust off with compressed air. Degrease again.

Original corrosion protection agents - The surface must be clean, dry and free from dust, sand, etc. Remove all traces of dirt and impurities, such as grease and silicones, before applying the protection compound. Do not use on wax polishing compounds.

APPLICATION:

Mix the product thoroughly before use. Cover the adjacent surfaces that are not to be coated.



Apply with a paint brush or roller. The maximum thickness of a single wet layer is 500 µm. Recommended ambient temperature during application > 10°C.

Number of layers: 1 - 2



Evaporation time between layers: 15 - 30 minutes at 20°C

Do not apply to engine, gearbox, exhaust system, brake and suspension parts.

DRYING TIME:



The surface can be covered with a topcoat after 3–4 hours at 20°C.

The drying time depends on the number and thickness of the applied layers.

The full protection performance is achieved within 12-24 hours after the application of the last layer.

Temperatures below 20°C extend the drying process.



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 20°C. Do not expose to direct sunlight.

WARRANTY PERIOD:

The warranty period is placed 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.