

DINITROL 538 PLUS

One-step primer for use with all DINITROL polyurethane adhesives

DINITROL 538 Plus is a one-step primer for windscreen bonding. DINITROL 538 Plus is a solvent containing, physically and chemically drying black primer which promotes the adhesion between the glass/paint surface and the direct glazing adhesive and acts as a UV protection.



- » One-step primer for ceramic coating
- » Pretreatment of RIM and paints
- » Rust-proofing for smaller scratches in paint
- » Compatible with all DINITROL polyurethane adhesives



Equipment

DINITROL APPLICATION FOAM 6-P
Art. No. 1731500

INDUSTRIAL NITRIL-GLOVES XL 10-P
Art. No. 1734100

DINITROL WOOLEN WIPER 3000-P
Art. No. 1732800

DINITROL 538 PLUS

Art. No.	Size	Package	Color
12349	10 ml	Stick	Black

Other packages

12404	30 ml	Bottle	Black
12341	100 ml	Bottle	Black
12694	250 ml	Bottle	Black

DINITROL 538 PLUS

Technical Details

Characteristics

DINITROL 538 plus primer is a „one-step primer“ with additional functions for window bonding with polyurethanes. It is a solvent-based, physically and chemically drying black primer which and chemically drying black primer that ensures adhesion between glass/ceramic and the pane adhesive and increases the UV protection of the screen print.

Features

- 1-Step Primer as adhesion promoter, activator, corrosion and UV protector
- Excellent adhesion on glass, ceramic screen printing, paint and various metals
- Controlled quick application by the foam applicator (tube)
- Supports the longterm safety of replaced windscreens by DINITROL adhesives

Surface pre-treatment

The surface to be treated must be clean, dry and free of dust, oil and grease. Thoroughly clean the surface to be bonded (ceramic edge) of the new windshield with DINITROL 582 to remove stubborn contamination on glass surfaces and the ceramic screen printing. It is recommended to carry out the pre-treatment according to the DINITROL work instructions for windshield replacement. For more information on the use of DINITROL pretreatment products, please refer to the DINITROL Pretreatment Table. Panes without a ceramic screen print or equivalent protection require an additional UV protective cover.

Application

Before use, acclimatize the bonding surface and primer. Shake the primer bottle until the balls can be heard, then another minute.

Primer is applied by DINITROL Wool Wiper or DINITROL Melamine Foam. Apply primer evenly in one direction (approx. 5 - 20 µm). This process may be repeated max. 2 times (reactivation or leveling of rough surfaces). Close the primer again immediately after removal.

Method of use

Before use of the primer DINITROL 538 Plus, shake the bottle thoroughly until paint mixing balls rattle freely. Mix for an additional one minute. The application of the primer DINITROL 538 Plus can be done manually by felt and/or an adequate tool.

Important Note:

Due to its moisture reactivity, the primer must be used within 5 days after the first opening of the bottle. This product is suitable for experienced users only. For special applications, preliminary tests are required.

Storage

Between 0 and 35°C, in well sealed packaging in a dry and well ventilated area. Store in a dry and well ventilated area.

Further information:

- Material safety data sheet
- Pre-treatment table

Labor regulations

Before using DINITROL products, we recommend reading the relevant safety data sheet (MSDS) for the products. Here the user will find the information required for the safe processing, storage and disposal of chemical products and the MSDS contains physical, toxicological and other safety-related facts.

For all relevant safety advices please read the material safety data sheet or the packaging label.

Technical Data

Chemical base	Reactive polyurethane adducts
Colour	black liquid
Density, 23 °C	910 ± 20 kg/m ³
Viscosity Brookfield	5 – 15 mPas
Solid content	28 ± 2%
Drying time	> 5 Min. *
Flash point	< 21°C
Processing humidity	30 – 70%
Application temperature	+ 5°C – 35°C
Coverage	approx. 150 g/m ²
Application method	Wool mop / melamine foam
Flash-off time	min. 5 minutes * max. 72 hours
Shelf life	12 months
Adhesion with direct glazing Polyurethanes on glass-frit:	
• with activator	good
• without activator	good
Adhesion with PU adhesives on	
• with activator	good
• RIM, PAAS and pinchweld	good
Available in	10 ml aluminium tube, 30 ml bottle, 100 ml bottle

1) 23°C / 50% rf