

# DINITROL 535 Spectrum Plus

## 1-Step Multi Function Primer for windscreen replacement

DINITROL 535 Spectrum Plus primer is a „one-step primer“ with additional functions for window bonding with polyurethanes. It is a diisocyanate-reduced, physically and chemically drying black primer that ensures adhesion between glass/ceramic and the window adhesive and increases the UV protection of the screen print.

- » „One-step primer“ for ceramic coating and glass
- » Pretreatment of RIM and lacquers
- » Increase of the aging resistance of the adhesive bond
- » Rust protection for minor scratches in the paint
- » Can be used with all DINITROL PUR adhesives
- » No labelling and training obligation according to Reach Regulation 1907/2006 as < 0.1 % monomeric diisocyanates



### Equipment

**DINITROL Application Foam 6-P**  
Art. Nr. 1731500

**DINITROL Woolen Wiper 3000-P**  
Art. Nr. 1732800

**INDUSTRIE NITRIL-HANDSCHUHE XL 10-P**  
Art. Nr. 1734100

### DINITROL 535 Spectrum Plus

Art. No.	Size	Package	Color
12027	30 ml	Bottle	Black
12028	100 ml	Bottle	Black

# DINITROL 535 Spectrum Plus

## Technical Details

### Characteristics

DINITROL 535 Spectrum plus primer is a „one-step primer“ with additional functions for window bonding with polyurethanes. It is a diisocyanate-reduced, physically and chemically drying black primer that ensures adhesion between glass/ceramic and the window adhesive and increases the UV protection of the screen print. Weight-reduced, acoustically insulating, tinted windows with innovative designs place the highest demands on the adhesive bond and especially on the pretreatment system. We meet this requirement for a broad adhesion spectrum with our DINITROL 535 Spectrum plus one-step primer. Further properties are:

### Features

- „One-step primer“ for ceramic coating and glass
- Pretreatment of RIM and lacquers
- Increase of the aging resistance of the adhesive bond
- Rust protection for minor scratches in the paint
- Can be used with all DINITROL PUR adhesives
- No labelling and training obligation according to Reach Regulation 1907/2006 as < 0.1 % monomeric diisocyanates

### Surface pretreatment

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 print. 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

Prior to application, acclimate bonding surface and primer. Shake the primer bottle until balls can be heard, then shake for another minute. Primer is applied by DINITROL wool wiper or DINITROL melamine foam. Apply primer evenly in one direction (approx. 5-20µm). This process may be repeated max. 2 times (reactivation or leveling of rough surfaces). Close the primer again immediately after removal.

### Important notice

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. Preliminary tests are required for specific applications.

### Storage

Store between 5 and 35°C, in well closed packaging in a dry and well ventilated area.

### Health and safety regulations

Before using DINITROL products, we recommend reading the associated Material Safety Data Sheet (MSDS) for the products. The user will find necessary information on safe processing, storage and disposal of chemical products and the MSDS contains physical, toxicological as well as other safety relevant facts.

Further information:

- Material safety data sheet
- Pretreatment table

## Technical Data

Chemical base	reactive polyurethane-adducts
Colour	black fluid
Density, 23 °C	930 ± 20 kg/m <sup>3</sup>
Viscosity Brookfield	5 – 15 mPas
Solid content	28 ± 2%
Flash point	< 21°C
Processing humidity	30 – 70%
Application temperature	+ 5°C – 35°C
Coverage	approx. 150 g/m <sup>2</sup>
Application method	woolwiper / melaminfoam
Flash-off time	min. 3 minutes * max. 72 hours
Shelf life	12 months
Available in	30 ml bottle, 100 ml bottle

1) 23°C / 50% rh

### Hazards identification

#### 2.1. Classification of the substance or mixture

GB CLP Regulation

Flam. Liq. 2; H225; Eye Irrit. 2; H319;  
Skin Sens. 1; H317; STOT SE 3; H336

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