

# DINITROL 550

## Black multi-primer for the pretreatment of different surfaces

DINITROL 550 Multiprimer is a black solvent based physical, reactive drying primer. The primer is designed as a pretreatment for several paints, but also for different metals and different kinds of plastics. For the further pretreatment first apply the adhesion promoter DINITROL 520, before the application of the black primer DINITROL 550.

- » Pretreatment on various paints
- » Activator for various metals and plastics
- » Compatible with all DINITROL polyurethane adhesives
- » Supports long-term safety when using DINITROL adhesives



### Equipment

**DINITROL Application Foam 6-P**  
Art. No. 1731500

**DINITROL Woolen Wiper 3000-P**  
Art. No. 1732800

**INDUSTRY NITRILE-GLOVES XL 10-P**  
Art. No. 1734100

### DINITROL 550 Multiprimer

Art. No.	Size	Package	Color
12137	30 ml	Bottle	Black
12138	250 ml	Bottle	Black
12139	1 L	Bottle	Black

a brand of



**DINOL GmbH** Pyrmonter Straße 76, D-32676 Lügde, Germany  
Tel. +49 (0) 5281-98 2 98-0, Fax +49 (0) 5281-98 2 98-60, [www.dinol.com](http://www.dinol.com)

03.2023

All data and recommendations are the result of careful tests by our laboratory. They only can be considered as recommendation which corresponds to the level of experience of today. The data are given in good faith. However, in view of the multiplicity of possible application and working methods we are not in a position to assume any responsibility or obligations deriving from the misuse of our products. Therefore, a contractual legal relationship is not justified, and there are no secondary obligations arising from any purchase contracts.

# DINITROL 550 Multiprimer

## Technical Details

### Characteristics

The Multiprimer DINITROL 550 is a solvent-based, physically and reactively drying black primer that is particularly suitable for use on paints, metals and plastics. Other properties:

- „Two-step primer“ with strong aging resistance of the adhesive bond
- Adhesion promoter for various metals and plastics
- Bonding agent for various metals and plastics
- Can be used with all DINITROL PUR adhesives
- Corrosion protection for minor scratches in the paint

### 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 with DINITROL 582 /580 to

remove stubborn contamination. In most cases, we recommend roughening the substrate with an abrasive fleece. For further pretreatment, first apply the adhesion promoter DINITROL 520 before applying the multiprimer DINITROL 550 as an adhesion primer. For further information on the use of DINITROL pretreatment products, please refer to the DINITROL pretreatment table.

### Application

Before application, acclimatize 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 0 and 35°C, in well closed packaging in a dry and well ventilated area.

### 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.

### Further information:

The following documents are available on request:

- Material safety data sheet
- DINITROL primer chart

## Technical Data

Chemical base	Reactive polyurethane adducts
Colour	black liquid
Density, 23°C	980 ± 20 kg/m <sup>3</sup>
Viscosity Brookfield	15 – 25 mPas
Solid content	35 ± 2%
Flash point	< 21°C
Drying time	> 5 min*
Application temperature	+ 5°C to 40°C
Coverage	approx. 150 g/m <sup>2</sup>
Application method	felt / brush
Flash-off time	min. 10 minutes* max. 24 hours
Shelf life	12 months
Available in	30 ml bottle, 250 ml bottle, 1000 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; Resp. Sens. 1; H334; Skin Sens. 1; H317; STOT SE 3; H336

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