

DINITROL 772

MS Polymer

DINITROL 772 is a MS based adhesive with very high green strength and is suitable for the direct glazing of automotive glasses without using of primer.

- » Solvent-, isocyanate- und PVC-free
- » Very good UV- resistance and weather resistance
- » Good adhesion on paints
- » Good adhesion without the use of a primer
- » Permanent elastic within temperatures from -40°C till +120°C
- » Excellent working conditions
- » Neutral, odourless and fast curing
- » Crash-Test approved FMVSS 212 (TÜV Süd) after 1 hour



Equipment

DINITROL MASTER TOOL
310 ml Cartridge & 600 ml Foilwrap
 Art. No. 1736500

DINITROL MASTER TOOL
310 ml Cartridge & 400 ml Foilwrap
 Art. No. 1736600

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

DINITROL 772

Art. No.	Size	Package	Colour
12542	290 ml	Cartridge	Black

DINITROL 772

Technical Details

Product description

DINITROL 772 is a MS based adhesive with very high green strength and is suitable for the direct glazing of automotive glasses without using of primer.

- Solvent-, isocyanate- and PVC free
- Very good UV-resistance and weather resistance
- Good adhesion on paints
- Good adhesion without the use of a primer
- Permanent elastic within temperatures from -40°C till +120°C
- excellent working conditions
- neutral, odourless and fast curing
- Crash-Test approved FMVSS 212 (TÜV Süd) after 1 hour

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 in order to remove persistent contamination on glass surfaces and the ceramic screen printing. It is recommended to carry out the pretreatment according to the DINITROL work instructions for glass replacement. For more information on the use of DINITROL pretreatment products, please refer to our technical data sheets or the DINITROL pretreatment table.

Glasses without a ceramic screen print or equivalent protection require an additional UV protective cover.

Further information

- Safety data sheet
- DINITROL pretreatment table

Application

We recommend to apply the adhesive bead using a sufficiently powerful application gun (e.g. DINITROL Mastertool). For easy processing, use the adhesive at room temperature. For an constant adhesive layer thickness, it is advisable to apply the adhesive in the form of a triangular bead. The glass must be inserted before the skin-formation starts. Warmer temperatures and increasing air humidity shorten or colder temperatures and lower air humidity lengthen the open time. The use of this product is suitable only for experienced users. Pre-tests are recommended for special applications.

Technical Data

Colour	black
Chemical base	MS polymer
Cure mechanism	humidity-curing
Density	approx. 1'500kg/m ³
Non-sag properties	very good
Application temperature	+5°C – 35°C
Skin formation time ¹	approx. 15 min
Open time	approx. 12 min
Rate of cure	approx. 3,5 mm / 24 hours
Shore A hardness (DIN 53505)	approx. 60
Tensile strength (DIN 53504)	approx. 3,2 MPa
Elongation at break (DIN 53504)	approx. 300%
Tear strength (DIN 53515)	approx. 14 N/mm
E-modulus (DIN 53504)	approx. 5 MPa
Temperature resistance: short term max. 20 min	+ 180°C
Temperature resistance	- 40° till +120°C
Volume change (DIN 52451)	< 3%
Shelf life	Cartridges: 18 months Foil-wraps: 12 months
Safe-Drive-Away-Time (FMVSS 212) with passenger airbags	1 hour
Available in	290 ml Cartridges, 400 ml & 600 ml Foilwraps

*at 20°C / 50% r.h

Notes on occupational health and safety

Before using DINITROL products, we recommend to the associated safety data sheet (MSDS) for the products. Here, the user can find the information they need for the safe processing, storage and disposal of chemical products and the MSDS contains physical, toxicological and other safety-relevant facts.

Health and safety

No specific safety precautions required. Consult safety data sheet.

Storage

The product should be stored at temperatures from +5°C to 30°C. The product has a shelf life of 18 months in cartridges and 12 months in tubular bags.

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