

BONDING & SEALING BONDING & SEALING BONDING & SEALING

DINITROL 9000

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High modulus - Low conductive

- **OEM Approved**
- **Excellent Decking**
- **1h drive away starting at -18°C**
- **310 ml cartridges or 600 ml foil-wraps**



DINITROL 9000

High modulus / Low conductive polyurethane adhesive

General description

DINITROL 9000 is a black, humidity curing, one-component polyurethane with the following properties:

- high modulus
- low conductive
- cold applicable
- solvent free
- high viscosity
- fast curing
- short cut-off string

This adhesive can be used in all climates and for all cars.

DINITROL 9000 is an aftermarket product designed for use in combination with the DINITROL 528 or the DINITROL 530 for bonding automotive glass.

The adhesive's high modulus property contributes remarkably to the stiffening increase of the carbody. The low electric conductivity makes DINITROL 9000 most suitable for the replacement of windshields that have an antenna incorporated. In the case of an aluminium car body, the electric insulating property of the product will prevent the danger of contact corrosion.

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Tensile Strength:	> 6,9 MPa
Lap Shear Strength:	<ul style="list-style-type: none">• 3 hours > 0.7 MPa• 24 hours > 2.5 MPa• 168 hours > 5.0 MPa
Shear Modulus: (at 10% deformation)	> 2.5 MPa
Shore Hardness:	Shore A 72
Elongation:	290%
Electrical Resistance:	> 10 ⁸ cm
Working Time	15 minutes at 23°C and 50% RH

Installation Options

All bonding areas have to be clean, dry and grease free. The glass side has to be pretreated with the one-step-primer DINITROL 528 or with the system DINITROL 520 glass-activator and DINITROL 530 glass/paint primer.

On the pinchweld side, leave 1 to 2 mm of the freshly cut old polyurethane bead for best adhesion for DINITROL 9000.

If there is no existing urethane on the pinchweld to use as a substrate for DINITROL 9000, the one-step-primer DINITROL 528 or the glass/paint primer DINITROL 530 should be applied on the pinchweld for best result.

DINITROL 9000 can be applied on the glass or on the pinchweld.

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Drive Away With Passenger Side Airbag:

TEMP	RH	Drive away time
23°C	50 %	1 h

Without Passenger Side Airbag:

TEMP	RH	Drive away time
23°C	50 %	45 min

Shelf Life

12 months in an unopened cartridge and foil-wrap.

Storage Requirements

Store between 15°C and 32°C, in closed packaging.

Supporting Products

- DINITROL 560 PVC-Activator (for PVC encapsulated glass)
- DINITROL 540 PUR-Reactivator



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Crashtest approved

DINITROL 9000 is crashtest approved according FMVSS 212.

Features

Speed: 50 km/h

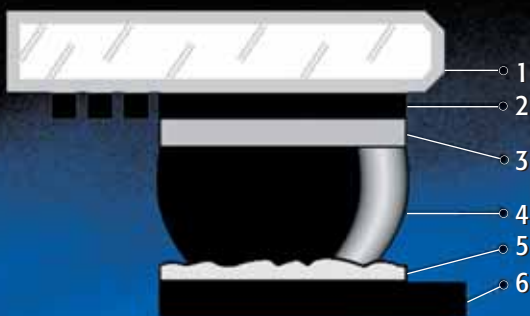
Temperature: 23°C

Humidity: 50%

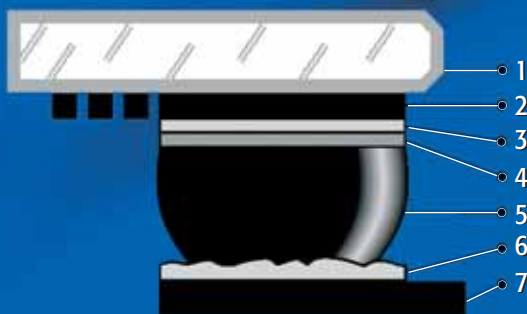
Crashtest made by TÜV Germany.



All data recommendations are the result of careful tests by our laboratories. These data can only be considered as recommendations, which correspond to the level of experience today. These data are given in good faith. However, in view of the multiplicity of applications and working methods, we are not in a position to assume any responsibility or obligations derived from the use of our products.



- 1 Glass
- 2 Ceramic layer
- 3 1-step-primer
- 4 New Polyurethane adhesive
- 5 Old Polyurethane adhesive
- 6 Painted metal



- 1 Glass
- 2 Ceramic layer
- 3 Glass activator / cleaner
- 4 Glass / Paint primer
- 5 New Polyurethane adhesive
- 6 Old Polyurethane adhesive
- 7 Painted metal