

# DINITROL 750

## STP – Polymer Sprayable Seam Sealer

### Characteristics:

DINITROL 750 is a 1-component sprayable seam sealer which hardens upon contact with air humidity. With a special compressed air gun, the original surface structure can be reproduced.

### Areas of Application:

DINITROL 750 is used as a seam sealer throughout the vehicle industry, in railway vehicles and caravans. It is also suitable as a sound insulation coating for wings, boots and bonnets, in addition to protecting door sills from stone chippings, and to improve PVC underbody protection. The product's spray application enables use in difficult to access areas.

Cleaner: Petroleum spirit.

Hardened material can only be removed mechanically.

### Method of Application:

The surface to be coated must be clean, dry and free from oil and lubricating grease.

DINITROL 750 demonstrates excellent adhesion without a primer. It can be applied directly to metal, galvanised steel, wood, most types of aluminium and lacquered or primed surfaces, including plastics with the exception of PE, PP, PS, PC, PMMA and PTFE.

DINITROL 750 Seam Sealer is applied using the compressed air gun DINITROL VSP 64 GUN. By adjusting the nozzle, a range of spraying widths can be achieved. By adjusting the nozzle, a smooth or rough-texture surface can be achieved. This is done by changing the spray or material pressure. A change in air pressure is not required. Profiled nozzles which are screwed onto the nozzle cap are used for different beads.

Depending on the work process, air pressure of 4 to 8 bar is required.

Wet-on-wet coating can be carried out with most paints and lacquers.

Depending on the type of lacquer, coats can be applied up to 5 days after application.

We recommend carrying out a suitability test before application.

Die in diesem Merkblatt gemachten Angaben sind das Ergebnis sorgfältiger Untersuchungen. Soweit sie sich auf die Anwendung beziehen, sind sie als Empfehlung zu betrachten, die dem Erfahrungsstand entsprechen. Wegen der Vielseitigkeit der Anwendungs- und Arbeitsweisen können wir jedoch eine Verbindlichkeit nicht übernehmen. Es wird daher ein vertragliches Rechtsverhältnis nicht begründet, und es entstehen aus eventuellen Kaufverträgen keine Nebenverpflichtungen.

All data and recommendations are the result of careful tests by our laboratories. They only can be considered as recommendation which correspond 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 use of our products.

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### Technical Data:

|                               |  |
|-------------------------------|--|
| Colour:                       | grey, black, beige   |
| Base:                         | 1-component STP (free from Isocyanates)                                    |
| Consistency:                  | Paste  |
| Density:                      | 1.38 g/cm <sup>3</sup>   |
| Processing temperature:       | + 5 to + 30°C  |
| Temperature resistance:       | - 40 to 80°C short-term up to + 120°C                                      |
| Long-term resistance:         | water, road salt, aqueous cleaners,<br>hydraulic brake fluid               |
| Short-term resistance:        | petrol, grease and mineral oil   |
| Film formation time:          | 20 min at 23°C / 50% r.h.  |
| Resistant to:                 | weak acids and alkalis   |
| Hardening speed:              | 3 mm / 24 h at 23°C / 50% r.h.   |
| Tensile strength DIN 53504:   | ~ 1.5 N/mm <sup>2</sup>  |
| Tensile elongation DIN 53504: | ~ 180%   |
| Shore A hardness DIN 53505:   | ~ 48   |
| Storage time:                 | between 15 and 25°C:<br>9 months cartridges<br>6 months hobbocks / drums   |
| Package size:                 | 310 ml cartridge / 20 l hobbock /<br>60 l hobbock / 208 l drum             |
| Cleaner:                      | Petroleum spirit<br>Hardened material can only be removed<br>mechanically. |

Please refer to the safety data sheet or packaging label for safety instructions.

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