

DINITROL 700

Seam Sealer

Characteristics:

DINITROL 700 is a 1-component sprayable seam sealer which hardens upon contact with air humidity. With a special compressed air gun (DINITROL 9053 VSP 64 Sealant Gun), the original surface can be reproduced perfectly.

Areas of Application:

DINITROL 700 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 re-pairing door sills, frames and to improve PVC underbody protection. The product's spray application enables use in difficult to access areas.

Method of Use:

The surface to be coated must be clean, dry and free from oil and lubricating grease. DINITROL 700 demonstrates excellent adhesion without a primer. It can be applied directly to untreated 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 700 Seam Sealer is applied using the compressed air gun DINITROL 9053 VSP 64 Sealant Gun. The special nozzle enables application on various seam widths. 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. Depending on the work process, air pressure of 4 to 8 bar is required. Wet-on-wet coating is possible with practically all paints and lacquers up to 5 days after 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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Seam Sealer

Technical Data:

Base:	1-component MS polymer (free from isocyanates)
Colours:	grey, black, yellow
Consistency:	paste
Density (20°C):	black 1,45 g/ml white, grey 1.48 g/ml
Processing temperature:	+ 5 to + 35°C
Temperature resistance:	- 40 to + 80°C short-term up to + 120°C
Resistance:	<u>long-term:</u> water, road salt, hydraulic brake fluid, surfactant solutions <u>short-term:</u> petrol, grease and mineral oil
Film formation time:	approx. 25 mins at 23°C / 50% r.h.
Hardening speed:	approx. 3 mm after 24 hours at 23°C / 50% r.h.
Shore A hardness (DIN 53505):	approx. 40
Tensile strength (DIN 53504):	approx. 1.6 N/mm ²
Tear propagation resistance (DIN 53504):	approx. 6.0 N/mm ²
Elongation after rupture (DIN 53504):	approx. 270%
Cleaner:	Petroleum spirit, acetone. Hardened material can only be removed mechanically.
Safety advice:	No special safety measures are required in accordance with EU directives.
Storage:	The material must be protected from direct sunlight and damp.
Storage time:	In cool and dry conditions between + 10°C and + 25°C, the unopened product can be stored for 15 months.
Important Notice:	Once open, product should be used quickly.
Delivery form:	310 ml cartridge

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

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