

DINITROL 700 IQ

Sprayable 1C Seam Sealer

DINITROL 700 IQ is a 1-C 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.

- » **Various applications
(High-performance seam-sealing,
stonechip protection, sound insulation)**
- » **Seam sealant applied close to OEM structure**
- » **Outstanding UV resistance**
- » **Can be coated wet-on-wet up to 5 days**
- » **Fast further processing**



Equipment

DINITROL Cartridge Tool 64 PN 1-P
Art. No. 1700400

DINITROL 700 IQ

Art. No.	Size	Package	Color
12645	310 ml	Cartridge	Black
12646	25 kg	Hobbock	Black

DINITROL 700

Technical Details

Characteristics

DINITROL 700 IQ is a 1-C 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 IQ is used as a seam sealer throughout the vehicle industry, in railway vehicles as a sealer for skeleton construction work / carriage body 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 IQ 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 IQ 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. The application out of pails is done by an airless gun.

With almost all painting or varnishing systems, an overcoating is wet-on-wet To 5 days after application.

Lacquer Coating

Wet-on-wet coating is possible with practically all paints and lacquers up to 5 days after application. It is recommended to carry out preliminary tests for paintability.

Storage

The material must be protected from direct sunlight and damp. 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.

Safety advice:

No special safety measures are required in accordance with EU directives.

Technical Data

Basis	1-component MS polymer (free from isocyanates)
Colour	grey, black (other colors on request)
Consistency	pasty, slightly thixotropic, can be processed with suitable spray guns
Density (20°C)	black 1,45 g/ml grey 1,48 g/ml
Application temperature	+5 to +35°C
Skin formation time ¹	approx. 25 min 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
Elongation after rupture (DIN 53505)	approx. 270%
Tear propagation resistance (DIN 53515)	approx. 6.0 N/mm
Temperature resistance short-term (approx. 1 h)	-40 to + 80°C up to + 120°C
Resistance	long-term: water , road salt, hydraulic brake fluid, surfactant solutions short-term: petrol, grease and mineral oil
Cleaner	Petroleum spirit, acetone. Hardened material can only be removed mechanically.
Available in	310 ml cartridge, 25 kg hobbock

1) 23°C / 50% r.f

Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation
This mixture is not classified as hazardous in accordance with GB CLP Regulation.

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