

DINITROL 840 RAPIDE

Flexible polyurethane adhesive for plastics repair

DINITROL 840 RAPIDE is a fast curing, easy to use, structural 2-component polyurethane adhesives, ideal for structural repairs and bonding of plastic parts. DINITROL 840 is especially designed for small, quick and permanent repair work.

- » No solvents
- » No shrinking
- » Quick fixing and sanding
- » Shortened process time



Equipment

DINITROL INDUSTRIAL NITRILE GLOVES XL
Art. No. 1734100

DINITROL 2K PLASTIC REPAIR TOOL
Art. No. 1726000

DINITROL 840 RAPIDE

Art. No.	Size	Package	Color
12307	50 ml	Cartridge	Black

DINITROL 840 RAPIDE

Technical Details

Product Description

DINITROL 840 RAPIDE 2K-PU is a fast-curing, easy-to-use, structural 2-component polyurethane adhesive that is perfect for structural repairs and the bonding of plastic parts. The adhesive hardens through a chemical reaction between the two components (mixing ratio 1: 1) and forms a solid polymer that is resistant to high temperatures, moisture, fuel and most solvents and chemicals. DINITROL 840 RAPIDE 2K-PU was specially developed for smaller, quick and durable repair and smart repair work.

- No solvents
- No shrinking
- Quick fixing and sanding
- Shortened process time
- Easy and cost effective repair
- One product for almost all plastics
- Very good sag resistance (thixotropy), allowing vertical application
- Flexible
- Missing parts can be rebuild
- Very fast curing
- Quick sanding times and short clamping times.
- Contains no VOC's, no shrinking.

Application

DINITROL 840 RAPIDE 2K-PU is suitable for repairing broken plastic parts, such as shock absorbers, spoilers, headlight mounts, grille, surfboards, etc. Suitable for filling holes and gaps, even on z. As metal, wood, stone and glass, as well as for general gluing applications for which a rapid curing is necessary.

Over-Coating

Curing & Sanding & Finishing

After the 2K-PU Plastic Repair has cured, sand the surface with sanding paper P180. You can sand by hand or with a slow turning rotation sanding machine. Surface can be finished with sanding paper Grit P320.

Storage & Re-Usability

After having finished dispensing, leave the mixer in place till 2C-PU Plastic Repair shall be used again. The remainder of the adhesive will have a shelf life of several weeks if stored properly. To reuse the material, remove the static mixer and dispose of properly. Carefully clean the cartridge nozzle, the products in the two chambers must be cleanly separated. If there is any black-tan mixing on either side dispense some product out of the

openings with no mixer tip attached, until only single component product is left in each chamber. Finally attach a new mixer and start dispensing.

DINITROL 840 RAPIDE 2K-PU may be stored for 12 months in a closed (unopened) container in a dry place at temperatures between + 15°C and +30°C.

Technical Data

Colour	Black
Chemical base	Reactive isocyanat prepolymer
Specific gravity	approx. 1,45 g/ml
Appearance	Sag resistant paste
Working time (at 23°C)	90 seconds
Sanding time (at 23°C)	10 minutes
Clamp time (at 23°C)	5 minutes
Paintable after (at 23°C)	> 10 minutes
Shore D Hardness	approx. 63
Tensile strength	approx. 23 MPa
Elongation at break	approx. 55%
Available in	50 ml Cartridges (2 x 25 ml) Other packaging on request

Comp. A - Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation
Acute Tox. 4; H332; Skin Irrit. 2; H315; Eye Irrit. 2; H319;
Resp. Sens. 1; H334; Skin Sens. 1; H317; Carc. 2; H351,
STOT SE 3; H335; STOT RE 2; H373

Comp. B - Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation
Skin Irrit. 2; H315; Eye Dam. 1; H318; Aquatic Chronic 3; H412

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