

DINITROL 850 / 860 / 840 2K-PU

Plastic Repair

Characteristics:

DINITROL 859 / 861 / 841 2K-PU are fast curing, easy to use, structural 2-component polyurethane adhesives, ideal for structural repairs and bonding of plastic parts. They cure by a chemical reaction of the two components (mixing ratio 1:1), forming a durable polymer, resistant to elevated temperatures, moisture, fuel, most common solvents and chemicals.

DINITROL 859 / 861 / 841 2K-PU are specifically designed for small, quick and durable repair jobs, smart repair.

Applications:

- Repair of broken plastic parts, such as bumpers, spoilers, lights, front grills, surf boards, etc.
- Filling of holes and gaps, also on e.g. metal, wood, stone and glass.
- General bonding applications where a fast curing is required.

Features:

- 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.
- Different working times available.
- Quick sanding times and short clamping times.
- Contains no VOC's, no shrinking.

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 start using 2C-PU Plastic Repair again, 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.

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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DINITROL 850 / 860 / 840 2K-PU

Plastic Repair

Body Repair

Body Repair

Packaging & Various

DINITROL Art.-Nr.	Description	Details
	Mixer Tips	On request
	Application Gun	On request
	Special Plastic Cleaner	On request
	TPO Primer	On request
	Reinforcement Tissue	On request
	Contouring Tissue	On request
	Complete Suit-case	On request

Storage Stability

DINITROL 859 / 861 / 841 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:

	DINITROL 850	DINITROL 840	DINITROL 860
Chemical base:	Reactive Isocyanate prepolymer (A) / Reactive polyol mixture (B)		
Colour:	Black (A) / white (B) (black when mixed)		
Specific gravity:	ca. 1.45 g/ml		
Appearance:	Sag resistant Paste		
Working time (23°C):	25 seconds	90 seconds	210 seconds
Sanding time (23°C):	5 minutes	10 minutes	30 minutes
Clamp time (23°C):	2 minutes	5 minutes	10 minutes
Paintable after (23°C):	> 5 minutes	> 10 minutes	> 30 minutes
Shore D Hardness:	ca. 63		
Tensile strength:	ca. 23 MPa		
Elongation at break:	ca. 55%		
Packaging:	50 ml cartridges (2 x 25 ml)	Other packaging on request	
Article Number:	X	X	X

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

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