

DINITROL 800

Starter Set — Plastic Repairs

Body Repair

Body Repair

The set contains:

1 double cartridge	DINITROL 840
1 double cartridge	DINITROL 860
1 Ultra Cleaner	DINITROL 810
1 Ultra Primer	DINITROL 824
1 laminating film	
1 contour film	
1 processing gun	
Mixer nozzles	

Characteristics:

DINITROL 840 and DINITROL 860 are 2-c polyurethane adhesives ideal for structural repairs and bonding plastic parts.

Delivery form: Double cartridges. Mixing ratio 1: 1.

The dosage gun is used to administer the correct amount, and the mixing ratio is achieved through the static mixer. Both adhesives are paste-like materials for repairing, filling, sealing and bonding. After hardening, a hard plastic mass is formed.

Simple, clean handling, no drips and easy to mould.

Rapid hardening through a chemical reaction without additional heat sources.

Excellent adhesive strength also on other materials, such as metal, ceramics and wood.

Strong bonding, elastic finish, no shrinking, weather and age-resistant.

Filing, drilling and thread-cutting possible after 10 – 20 mins.

Can be lacquered after approx. 60 mins.

Solvent-free, resistant to: water, oil, fuels, solvents, acids and alkalis.

Application:

For high-energy bonding i.e. in the automotive industry or model building. Repairs on broken plastic parts (thermoplastics and duroplastics).

Bumpers, bucket seats, spoilers, headlamp brackets, roof rails, jet-ski, surf boards, plastic sport equipment, plastic clothing and casing.

Filling holes, tears and gaps, also on metals, wood, stone, cement or glass.

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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Method of Use:

Coarsely file the surface to be treated and in the case of tears, file V-notches if required. Clean using a special cleaner (Ultra Cleaner 810). Apply a primer (Ultra Primer 824) and leave to dry for approx. 5 – 10 mins. Position the mixing tip on the cartridge and squeeze the material out (approx. 0.5 cm³) until both components are mixed. Apply the mixture directly to the part to be repaired, or onto a supporting film and press into the joint from the rear side. Use the contour film to distribute or mould excess material.

Remove the film after hardening. Avoid leaving the material for more than 1 minute, given that the material will also harden in the mixing tip. Complete hardening depending on room temperature, approx. 30 – 60 minutes.

Uneven points can be smoothed with the DINITROL 6070 Plastic Contour Putty.

Technical data:

Base:	Urethane prepolymer
Colour:	black
Stability:	very good
Density (20°C)	approx. 1.15 g/cm ³
Viscosity:	40 poise / 4 Pascal
Temperature resistance:	-40°C to +140°C when hard
Tensile / shear force:	7 N / mm ²
Shore D hardness:	approx. 70 (after 4 days)
Tensile strength:	approx. 16 N / mm ²
Delivery form:	50 ml cartridge
Storage time:	12 months (between 15°C and 25°C)

Product	Pot life	Further Processing	Hardening
DINITROL 840 Rapid	1 Min	10 Min	20 Min
DINITROL 860 Standard	5 Min	20 Min	60 Min

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

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