Technical Data Sheet

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Auto-K paint preparation
2K polyester repair kit
(styrene reduced) 1000 g
Art. No. 745462

Product

Description / Purpose

Consisting of styrene-reduced repair resin, including benzoyl peroxide hardener, fibreglass mat and plastic lid for mixing resin and hardener.
Auto-K repair resin is a styrene-reduced laminating resin that hardens quickly with benzoyl peroxide hardener. In combination with fibreglass materials, it is a proven system for carrying out simple and quick repairs to minor and major damage caused by rust, cracks or holes in fibreglass-reinforced plastic parts, car bodies, caravans, boats, surfboards, gutters, pipes, etc.
Also suitable as a composite material with iron and GRP, e.g. for mudguard extensions and add-on parts, as well as for use on wood.

Properties

- Contains everything you need for cost-effective and professional repair of minor and major damage
- Can also be used in model making and mould making
- Fast curing
- Water and solvent resistant
- Petrol resistant
- Hardening of resin and filler without cracking or shrinkage (in compliance with the prescribed hardener quantities)

Material base	Polyester resins
Colour	yellow transparent

Substrate

Metals, sheet metal, GRP, plastics
Remove old, uncured paint or primer.
DO NOT use on thermoplastic or acid-containing products (wash primer).

Processing

Protection measures

Wear personal protection equipment.
(gloves / goggles)
For more information, see safety data sheet.

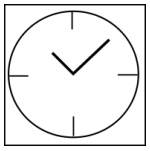
Processing conditions

Optimal processing at 18° C - 25° C and relative humidity of 40 - 60 %.

Contents

1. Hardener (0.12 m²)
2. Glass fibre mat (0.24 m²)
3. Plastic lid for mixing polyester repair resin with hardener

Drying



fully dried: approx. 20 - 30 min. (at 20° C)
can be accelerated in an oven (approx. 50°C) or with the aid of IR lamps.

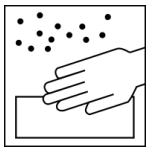
Processing

All contaminants must be cleaned with Nitro Universal Thinner before curing.

Structure:

1. Thoroughly clean the repair area with Auto-K P 60 sandpaper (coarse) to remove rust, paint residue and grease.
2. Sand the surfaces. Damaged areas should be dry and sanded with P 80 / P 150 until bare metal, then spray on Auto-K Corrosion Protection Primer (Art. No.: 233058).

3. Mix the required amount of Auto-K polyester repair resin with 2% hardener well within the pot life.
4. Place the cut-to-size fibreglass mat on a solid plate (e.g. Resopal or glass) so that it lies flat and apply the repair resin mixed with hardener generously with a spatula.
5. Coat the repair area with the mixed resin as well.
6. Place the fibreglass mat on the damaged area and press it carefully with the spatula tool.
   Only process with glass fibre material (mat, fabric or fleece).
7. Several layers can be laminated on top of each other. After drying, dry sand with P 150 / P 240.
8. The material can be smoothed the surface with Auto-K Filling putty or Universal putty and (after sanding) repainted.



Sand the entire surface dry with P 240 / P 360 matt before applying the filler.

Pot life

approx. 10 - 15 min (with 2% hardener added / 20° C)

Finish

Close the can with the lid and the tube with the plastic cap, making sure they are airtight.
Please clean the tools (spatula blade, mixing cup, etc.) immediately after finishing work (e.g. with acetone / nitro thinner).

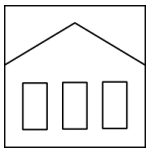
Additional Information

Important Information

Only process with glass fibre material (mat, fabric or fleece).
The fibreglass mat should be cut so that the edges of the repair area are covered by at least 2 cm all around. After drying, smooth out any unevenness on the outside of the sheet metal with Auto-K filling putty.
Remove all contamination with Nitro universal thinner

before hardening.
Clean and degrease the entire surface to be painted before each application.
DO NOT use more than 3% hardener, as over- or under-dosing can cause staining in the top coat.
On aluminium or zinc substrates, it is advantageous to laminate immediately after sanding due to the ease of oxidation in order to achieve optimum adhesion.
COUTION!
Processing below the dew point may result in loss of adhesion. Insulate before revision with 1K or 2K fillers. Sand dry ONLY.

Shelf Life



Store the resin and hardener at approx. 20° C in their original containers properly in a dry place.

Disposal

Can and tube with cured material must be disposed of as hazardous waste.

Note

Before use, the safety instructions must always be read carefully and observed.

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