

## Gelcoat repair kit

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### FEATURES

The GELCOAT REPAIR-KIT VT is used for the repair of small gelcoat damages in both above-water and underwater areas.

The kit consists of 180g of water-resistant gelcoat, 20g of CHP hardener, sandpaper, tape, a spatula, self-releasing film, and an instruction manual.

The sets can be mixed with each other or colored with PU-PIGMENT PASTE to achieve the original gelcoat color.

### APPLICATION

For fine surface cracks, deep scratches, and small chips in the outer layer of a GRP hull, the underlying laminate must be protected with gelcoat to prevent water ingress. Ingress of water or moisture would eventually damage the strength of the laminate.

### PRODUCT DATA

- Base: Monomer-free polyester resin
- Packaging: 200 g container including CHP hardener
- Colors: RAL 9010-pure white, 9001-cream white
- Pot life: approx. 20 minutes at 20°C with 3% CHP hardener added

### PROCESSING

For gelcoat repair, first, expose the fiberglass layer in the entire damaged area and sand it rough. Small cracks should be widened in a V-shape. Remove sanding dust and grease residues. For repair, take the necessary amount of gelcoat and mix it with 3% CHP hardener (e.g., 100 g gelcoat + 3 g CHP hardener). Mix thoroughly and slowly to avoid stirring in air bubbles.

The application of the thixotropic material can be done with a spatula or brush, with the surface slightly raised.

The minimum layer thickness of the gelcoat should be 1mm. A reduction in layer thickness will result in incomplete gelcoat curing. Finally, place the included sheet of Hostaphan film over the repair area and press it evenly flat until the repaired surface is flush with the surrounding area.

Depending on the temperature, sanding can begin after approximately 5 hours at 20°C. The previously applied film must be removed for this. It is recommended to start with 220 grit

sandpaper, gradually increasing the fineness up to 1000 grit. After sanding, the repair area should be roughly polished to a high gloss with REFINISH POLISHING PASTE.

### *PRECAUTIONS*

Please refer to the valid safety data sheet and the relevant information sheets of the Chemical Industry Employers' Liability Insurance Association for instructions on handling the products and disposal.

The above information, particularly the suggestions for processing and using our products, is based on our knowledge and experience under normal conditions. Due to the different materials, substrates, and varying working conditions, no guarantee of a work result or liability, regardless of the legal relationship, can be derived from these instructions or from oral advice unless intent or gross negligence can be attributed to us. The user must prove that they have transmitted all the necessary knowledge required for proper and successful evaluation in writing, timely, and completely to us. Third-party rights must be observed. Furthermore, our respective sales and delivery conditions apply. The latest technical data sheet, which should be requested from us, applies.

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