

## Polyester resin RANAL

### Description:

Unsaturated polyester resin containing special catalysts is designed for hand lamination. It is ideal for the repair of large rusty areas of car bodies and laminates. It can be used for the repair of caravans, boats, yachts, etc. Hardened coat is marked by good adhesion to the surface and good elasticity, and moreover, it is resistant to water, petrol, grease and oil. Can be exposed to a short-term influence of high temperatures (up to 90°C).

### It can be used on the following surfaces:

- Steel
- Aluminium
- Two-components acryl fillers
- Polyester laminates
- Old lacquer coats
- Wood

**Attention!** Do not apply directly on wash primers, one-component acryl or nitrocellulose products.

### Polyester resin can be over-painted:

- Polyester putties by RANAL
- Polyester spray putty UNI-SPRAY
- Acryl fillers by RANAL
- enamels and clear lacquers RANAL

### Mixing ratio:

Polyester resin	100 parts by weight
Hardener	2,5 parts by weight

**Attention!** Do not pour the product mixed with hardener back to the package with unused resin.

### Instruction for use:

Before the application of resin clean, remove rust, degrease and grind the surface. Prepare adequate quantity of glass mat covering about 2 cm more of the surface than the damaged area. Mix carefully the components according to mixing ratio. In the temperature not lower than 15°C cover the surface with the prepared resin, using a brush. Apply the mat, press and make it soak with the resin. After hardening the first coat (8-10 min), next coats can be applied. Each layer of the mat should be soaked with the resin. After applying the last coat, wait for about 50 minutes and begin processing of the surface.

**Attention!** Do not apply in the temperature below 10°C.

### Theoretical efficiency:

For one 1 kg of the product 0,5 kg of the glass mat shall be used.

**Pot life:**

About 12 minutes in the temperature of 20°C.

**Drying time:**

About 50 minutes in the temperature of 20°C.

Drying time can be reduced by keeping for about 15 minutes the temperature of 60°C.

**Recommended gradation of paper during the processing:**

Grinding – P80 – P120

**Colour:**

Yellow.

**Tools cleaning:**

Nitro.

**Storage:**

To be stored in dry and cool place, away from the sources of light and heat. Avoid sun exposure. Storage time of the product in the original package in the temperature 20°C is equal to 12 months.

**Health and safety recommendations:**

Apply safety data sheet of the particular product.

**Packaging:**

Art.Nr	Capacity,kg:	Package, pieces:	Weight of the carton, kg
	1	6	7,00

This information is based on careful, laboratory research and our long-standing experience. Strong market position does not absolve us from constant control of the quality of our products. However, we are not responsible for the final results after incorrect use of the product.

RANAL Sp. z o.o.