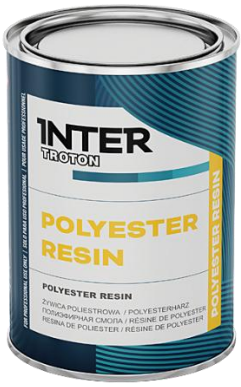
# TECHNICAL INFORMATION

FOR PROFESSIONAL USE ONLY

## POLYESTER RESIN

LAMINATING RESIN




**COLOUR:** shades of green

**GLOSS GRADE:** semi-matt

### PRODUCTS

Polyester Resin for laminating.
Activator for the Polyester Resin – a peroxide in solution.

### PRODUCT DESCRIPTION

Polyester resin with suitable liquid activator for manual laminating. In connection with glass mat it is used for car body repairs as well as camping caravans, boats and yachts.

- Very good adhesion to metal.
- Good hardness with high elasticity.
- Minimal shrinkage.
- Good sanding properties.

### VOLATILE ORGANIC COMPOUNDS

VOC for the mixture = 395 [g/l]
This product meets the EU directive (2004/42/EC/II B) that sets the VOC value for its category (c), at 540 g/l.

### SURFACE PREPARATION

The product has very good adhesion to various surfaces.
It can be applied over:

- Steel and aluminum after flatting and degreasing.
- Zinc coated steel after flatting and degreasing.
- Sanded glass fibre (GFK/GRP), polyester putties, acrylic and epoxy primers and existing coatings in good condition.

We recommend sandpaper with gradations: P80÷P120.
**Caution:** Do not apply the resin directly on the wash primers, 1K acrylic and nitrocellulose products.

### APPLICATION PROCESS

#### USE

Good for repairing large damages as well as corroded car bodies.

#### MIXING RATIO

| MIXING RATIO | by weight |
|---|---|
| Polyester Resin | 100 |
| Activator | 4 |

Stir well the mixture.

#### GELLING TIME

20÷35 minutes at 20°C.

Several layers of the mat can be applied.

#### HARDENING TIME

35÷45 minutes at 20°C.

Temperature below 20°C significantly increases the hardening time.

#### SANDING

Coarse sanding (dry): P80÷P120

### INSTRUCTIONS FOR USE

1. Prepare suitable piece of glass mat, approximately 2 cm bigger than damaged place.
2. Mix the resin with the hardener and spread it onto a clean surface using a brush.
3. Place the mat, press it and soak with resin using a brush. Several layers of the mat can be applied.
4. Wait approximately 40 minutes. Mechanically process the laminate surface or level it up with a polyester putty.
5. Minimum application temperature is +10°C.

**Note:** Do not pour the remains of the mixed resin and hardener back to the tin.

### FURTHER WORK

Polyester laminates can be directly over coated with:

- 2K polyester putties.
- 2K polyester spray fillers.
- 2K epoxy putties.
- 2K acrylic fillers.
- 2K epoxy fillers.

| GENERAL NOTES |
|---|
| • The rooms should be well ventilated.<br>• When working with 2K products, it is recommended to use personal protection equipment. Protect the eyes and respiratory system.<br>• Clean the guns and equipment immediately after use.<br><br>**Caution:** *To maintain safety, always follow the instructions given in the MSDS for the products.* |
| **STORAGE** |
| Store the product components between 15 to 25°C in a sealed container, in dry and cool places, away from fire and heat sources, as well as direct sunlight.<br>**Note:**<br>1. *Close the container after use.*<br>2. *Protect the activator from overheating!* |
| **WARRANTY PERIOD** |
| Polyester Resin – 12 months from the date of production<br>Activator for the Polyester Resin – 12 months from the date of production |

| PRODUCT | Art. No. |
|---|---|
| Polyester Resin | 2206 (1kg + 40g) ; 2203 (5kg + 200g) |
| Activator for the Polyester Resin | |

**LIMITATION OF LIABILITY**

The information contained in the TDS is up-to-date and correct on the day the information is released.
Because TROTON can not control or predict the conditions under which a product will be used, each user should review information in the specific context of the intended usage. To the maximum extent permitted by applicable law, TROTON shall not be liable for damages of any kind arising from the use or reliance on information contained in this TDS.
Given the variety of factors that can affect the usage and application of the TROTON product, some of which are only within the user's knowledge and control range, it is essential that the user evaluate the TROTON product to determine if the product is fit for a particular purpose and whether the product is suitable for the user's usage.
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All information are based upon the precise laboratory studies and many years of experience. The good market position does not release us from the constant supervision of our products quality. However, we are not responsible for the final effects of the improper storage or application of our products, as well as for work inconsistent with the good craft practice.

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