

TECHNICAL INFORMATION

Preparation Date:
02.10.2012



Updating Date:
02.10.2012

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**Product Name: Laminating Repair Kit
APP Fast Repair. APP No.: 010702.**

Repair kit purposed for filling metal cavities and reinforcing surfaces subjected to corrosion by way of manual laminating.

Packaging: Resin - 242g; hardener - 8g; glass fibre mat – 0.36 m².

Product and additives: Polyester resin
Peroxide paste hardener
Fibre glass

Main components: Resin for laminating – of medium flexibility, ortoftal polyester resin
–benzoyl peroxide paste hardener .

Colour: yellow transparent

Yield: Apply 0.5 kg of mat or fibre glass fabric per 1kg of product.
Caution!
In practice yield is affected by many other factors as: shape, substrate roughness, application method and work conditions.

Application: Finds the following applications in combination with the fabric or glass fibre:

- Filling and repairs of large cavities and holes
- Reinforcing surfaces subjected to corrosion
- Filling perforated metal surfaces
- Manufacturing and repairs of boats and camping equipment made from metal and plastic

Following hardening the coat obtained as a result of laminating features with high resistance to mechanical stress and vibrations.
Resistant to temperature up to +120°C, oils, greases and naphtha.

The above information is based on currently available data and knowledge on the product and its use. The information does not purport to be a description of product in terms of its quality, suitability for use in some conditions, nor does it guarantee any particular features. User shall follow instructions provided on labels and MSDS. Producer is not responsible for consequences and work effects that were influenced with factors beyond his control.

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Subbase: Demonstrates perfect adhesion do: metal, old top coatings and 2K primers,
Proper subbase: Polyester laminates and wood.

Note!

Do not apply the product on: acid hardened reacting undercoats, single component acrylic and nitrocellulose undercoats and Thermo Plastic Acrylic Paints

Subbase preparation:



Steel:

-Degrease and grind on dry with P36-P60 abrasive.

Zinc plates metal sheet, aluminium:

- Degrease and grind on dry with P80-P120 abrasive paper or fabric.

Finishing:

-grind down to the metal or adequate surface with P60-P80 abrasive paper, and then level out passages towards the old coat with P80-P120 abrasive paper.

Before laminating degrease repaired surface and remove dust and clean with W900, W900 PLUS or WB900 Remover.

Use:

Mixing ratio:

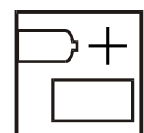
100 parts of resin for laminating by weight

2-3 parts of hardener by weight

Caution!

Do not apply excessive amount of hardener, as it may result in local discoloration of top coating and poor hardening. Mix well to ensure uniform colour.

Do not pour any remaining resin with hardener back to the container.



Laminating:

- Cut a piece of adequate surface out of glass fibre mat. Mix

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Polyester resin with 2-3% hardener additive.

CAUTION! Mixture workability time at temperature +25°C is 8-12 minutes.

- Apply the mixture with a brush or roll on previously derusted and degreased surface.
- Apply a pre-cut piece of fibre glass mat on the repaired surface.
- Apply remaining mixture of resin and hardener with a brush or roll on the repaired surface. During laminating ensure air is not trapped when applying resin. If necessary apply a few coats of fibre glass mat.

Recommended operation temperature: from +15°C to +25°C.

Drying:



At temperature +20°C further treatment may follow after 40-50 minutes.

Long-term thermal resistance after hardening: max. up to +120°C, but not more than substrate thermal resistance.

Following hardening it is resistant to thinners and acids, bases and brine of insignificant concentration. Features with high flexibility and high resistance to mechanical impacts.

Grinding



Following total hardening carry out:

Initial dry grinding: P60

Rough dry grinding: P120/P150

Coverability:

APP FIBER
APP ULTRA
APP PE Poly-Plast Universal
APP ALU Poly-Plast

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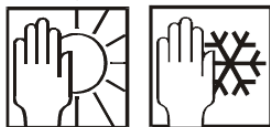
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APP SOFT Poly-Plast
APP PE Poly-Plast Spray Putty
APP 2K HS Acrylfiller 5:1
APP 2K HS Compact Acrylfiller 5:1
APP 2K HS Acrylfiller 4:1
APP 2K Grund EP
APP 1K Filler

Cleaning of equipment:

Clean directly after work finish with nitrocellulose thinner

Storage:



Store in closed, original containers
in dry and well ventilated spaces.
Protect against freezing.

Industrial Safety:



Product for professional use only.
See: labels on containers and MSDS.
User must follow locally and regionally applicable industrial safety
regulations.

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