



PLUS 710 Repair box

Description: **PLUS 710 REPAIR BOX** – includes a polyester resin, a hardener and glass fiber mat. The laminate it produces has a very high mechanical strength. It is used for repairing large material defects (e.g. from corrosion), and for reinforcing and stiffening of metal and plastic surfaces. Once cured, it can be sanded and covered with all polyester putties to produce the required surface smoothness.

Substrates:

- old paint coatings,
- polyester laminates,
- steel,
- aluminium,
- two-component acrylic primers,
- wood.

Caution: Do not apply the resin directly on top wash primers or one-component acrylic and nitrocellulose products.

Substrates treatment:

- old coatings: degrease, dry sand with P80 – P120 and degrease again.
- polyester laminates: degrease, dry sand with P80 - P120 and degrease again,
- steel surfaces: degrease, dry sand with P80 - P120 and degrease again,
- aluminium surfaces: degrease, mat with abrasive needled cloth and degrease again,
- two-component acrylic fillers: degrease, dry sand with P180 - P240 and degrease again,
- wood: dry sand with P80 – P120 and clean of dust.

Mixing ratio:

PLUS 710 resin –	100 g	or	100 ml
Hardener –	2 - 3 g	or	2 - 3 ml

Application life after mixing with the hardener:

from 10 to 15 min at 20°C.

Coverable by:

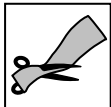
Polyester putties, spray polyester filler, most primers, paints and varnishes.

Procedure:

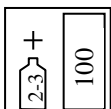
Clean and sand the surface



Degrease the surface



Prepare the required piece of the mat. Trim the glass fiber mat so that it extends approx. 2 cm beyond the limits of damage location.



Prepare the amount of the resin that can be consumed in approx. 10 minutes. Observe the required amount of hardener. Mix the components thoroughly until a uniform colour is obtained. Weight quantity of components: add 100 g of the resin to 2 – 3 g of Hardener. The processing time is from 10 to 15 minutes at 20°C



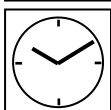
Apply the resin with a brush on the clean area



Apply the trimmed piece of mat, press down to the repaired area and saturate with resin applied with a brush



Depending on the damage, several mat layers can be applied by repeating the steps above



Wait approx. 45 minutes at 20°C, or
Heat for 15 minutes at up to 60°C



Sand the laminate surface with P80-P120 abrasive papers or fill out with the polyester putty.

CAUTION: The viscosity of the cured surface improves the adhesion of successive layers; if needed, viscosity can be cancelled by washing with the NC solvent. Do not put the leftover resin mixed with the hardener back into the can.

Application conditions:

The minimum application temperature is +10°C

Colour:

Yellow

Equipment cleaning:

NC solvent.

Storage conditions and shelf life:

Store in a dry and cool place, away from sources of fire and heat.

Avoid direct exposure to sunlight.

Resin: 12 months /20°C.

Hardener: 18 months/20°C

Safety regulations:

See the Safety Data Sheet of the product in question.

Other information:

Registration number: 000024104

The effectiveness of our systems results from laboratory research and many years of experience. The data contained herein meets the current knowledge about our products and their application potential. We ensure high quality, provided the user follows the instructions and the work is performed in accordance with good workmanship. It is necessary to do a test application of the product due to its potentially different reaction with different materials. We may not be held liable for defects if the final result was affected by factors beyond our control.