

**Advanced Materials****XW 1050 / XW 1049-1**

TO FIX AND STRAIGHTEN REINFORCEMENTS ON LAMINATE CONSTRUCTIONS

**KEY PROPERTIES**

- Room temperature cure
- Good adhesion properties
- Holds on vertical surfaces
- Optical mix control through different resin and hardener colour

**APPLICATIONS**

- Repair paste and filler to fix back reinforcements on CFK laminate plates, metal and plastic tubes, wood frames and honeycomb plates as well as for modelling of plastic putty (similar to clay), adaptable for the construction of radius or parting lines on models.

**PRODUCT DATA**

Property	Unit	XW 1050	XW 1049-1
Appearance Colour	visual	Smooth paste Light gray	Smooth paste Light beige
Density	g/cm <sup>3</sup>	1.45	1.8

**TYPICAL SYSTEM DATA****PROCESSING**

Mix ratio	Parts by weight
XW 1050	100
XW 1049-1	100

**PROPERTIES**

Resin/Hardener mix:	Volume	Unit	XW 1050 XW 1049-1
Pot life at 25°C	100 g	min	50-60
Minimum curing time at 25°C		h	10-12
Compressive strength		MPa	80

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**STORAGE** Provided that XW 1050 and XW 1049-1 are stored in a dry place in their original, properly closed containers at the storage temperatures mentioned in the MSDS they will have the shelf lives indicated on the labels. Partly emptied containers should be closed immediately after use.

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**WORKING CONDITIONS** The product should be used when in the temperature range 18-25°C.

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**PACKAGING**

<b>System</b>	<b>XW 1050</b>	<b>XW 1049-1</b>
<b>Quantity and Weight</b>	10 kg	10 kg

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**HANDLING PRECAUTIONS**

**Caution**

Our products are generally quite harmless to handle provided that certain precautions normally taken when handling chemicals are observed. The uncured materials must not, for instance, be allowed to come into contact with foodstuffs or food utensils, and measures should be taken to prevent the uncured materials from coming in contact with the skin, since people with particularly sensitive skin may be affected. The wearing of impervious rubber or plastic gloves will normally be necessary; likewise the use of eye protection. The skin should be thoroughly cleansed at the end of each working period by washing with soap and warm water. The use of solvents is to be avoided. Disposable paper - not cloth towels - should be used to dry the skin. Adequate ventilation of the working area is recommended. These precautions are described in greater detail in the Material Safety Data sheets for the individual products and should be referred to for fuller information.

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