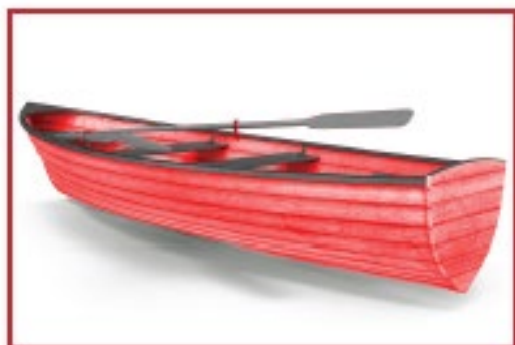


TECHNICAL DATA

| | |
|------------------------------------|---|
| Composition: | epoxy resins and hardeners with inert fillers |
| Grip mechanism: | chemical reaction between the components |
| Mixing ratio: | 3:2 by volume (60% of B to A by weight) |
| Application temperature: | +10°C / +35°C |
| Solid content: | 100% |
| Specific weight of mixture: | 1.1 kg/L |
| Pot Life: | 35'–50' (160 g of mixture) according to quantity and temperature. |
| Sandable: | 24 hours |

The values shown in the table are not to be considered as specifications.

**NATURE OF THE PRODUCT**

Z.FIX CLEAR N is a multifunctional, low-viscosity, clear and transparent, fast two-part liquid epoxy system, suitable for use as a rigid structural adhesive, as is or can be mixed with special fillers, in this case also to obtain stucco with excellent sandability.

Low greasiness to the touch even at low temperatures and high humidity.

APPLICATIONS (for professional use)

Thanks to its low viscosity, **Z.FIX CLEAR N** can be used:

1. **Brush, roller, spray** as an undercoat for wood, as a consolidating primer for wood for subsequent structural bonding, for structural bonding of fibreglass (GFRP) and composites, wood, especially suitable on aluminium and steel.

For bonding glass, carbon and kevlar onto wood and fibreglass. For anti-osmosis treatments.

2. **Admixed with suitable fillers** such as **Z.FIX CARICA**, **Z.FIX FIBRA MINERALE**, **Z.FIX FIBRA NATURALE**, **Z.FIX CARICALIGHT N** it can be rendered:

- **Thixotropic** and non-running for vertical applications.
- **Reinforced** for particularly demanding bonding.
- Easily sandable **stucco**.
- **Lightweight stucco** with low specific weight, extremely sandable, for levelling even large irregular surfaces.

LIMITATIONS

- Avoid application in low temperature and high humidity conditions, as this may result in the formation of an oily, non-adherent surface layer. In this case, this must be removed by washing with a wet cloth or abrasive sponge, subsequent rinsing and then sanding and final cleaning of residues, before applying another coat. It is even better to proceed directly with wet sanding. The ambient temperature should be between a minimum of +10°C and a maximum of +35°C.
- If stored for long periods at temperatures below +10°C, the product may gel, making mixing difficult. Normal consistency can be easily restored by briefly warming the package before use.

METHOD OF USE

Surface preparation: The surfaces to be treated with the adhesive must always be dry and clean, free of dust and greasy substances or residues of release agents.

In general, it is always advisable to clean with a pad or cloth with **ST 513** solvent and before the solvent dries, rub a clean cloth on the surface to be bonded.

- **PREVIOUSLY PAINTED SURFACES:** sand with 80–180 grade sandpaper. If in poor condition, remove all previous coats.
- **STEEL/ALUMINIUM:** Always degrease with **ST 513**, sandblast or sand with 80–180 grade wet or dry

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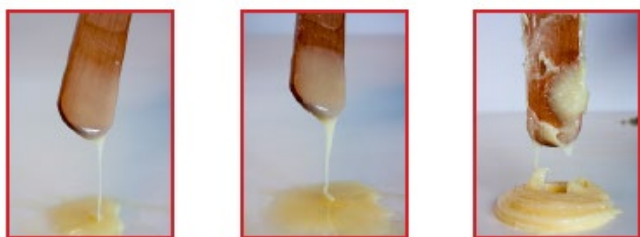


sandpaper. Then wash off residues carefully with plenty of water or **ST 513**. Dry and immediately proceed with bonding.

- **BARE WOOD:** sand with 80–180 grade sandpaper.
- **GFRP:** clean with acetone or sand with 80–180 grade sandpaper.
- **BARE/COMPOSITE GFRP:** sand with 80–180 grade sandpaper.

If **Z.FIX CLEAR N** is used as a putty (admixed with **Z.FIX CARICA**, **FIBRA MINERALE**, **Z.FIX FIBRA NATURALE**, **Z.FIX CARICALIGHT N**), it may be appropriate to apply a first coat of **Z.FIX CLEAR N** as a primer on the surfaces to be plastered.

| Filler | % | Viscosity |
|----------------------|-------|--------------|
| Z.FIX CARICA | 1–5 | pourable |
| | 7–10 | not pourable |
| Z.FIX FIBRA MINERALE | 1–7 | pourable |
| | 10–15 | not pourable |
| Z.FIX FIBRA NATURALE | 1–7 | pourable |
| | 10–15 | not pourable |
| Z.FIX CARICA LIGHT N | 7–10 | not pourable |



Example of thickening with **Z.FIX CARICA**



Example of thickening with **Z.FIX FIBRA NATURALE**

In general, with regard to multi-layer applications of **Z.FIX CLEAR N**, please note the following:

- As soon as it has sufficiently gelled and coalesced, typically after a minimum of 3 hours and within 4 hours, **Z.FIX CLEAR N** can be coated with the next layer of product without any prior treatment.
- If allowed to harden to sandability (ca. 24 hours), **Z.FIX CLEAR N** that is to be coated with a subsequent layer of product requires sanding with 80–180 grade sandpaper.
- If the previous layer is diluted **Z.FIX CLEAR N**, follow this last procedure.

- **Z.FIX CLEAR N** is compatible with additional coats of our **Z.FIX BASE**, **Z.FIX LIGHT N** and **Z.FIX 500**.

Application of the adhesive: mix each of the two parts then mix them thoroughly in the ratio indicated.

Double-check that the surfaces are free of residual dust. Firmly spread with a brush or spatula, spreading and pressing the product well.

To avoid overheating the prepared mixture, work it in large containers so as to have a high heat exchange surface area; in the case of putty application, the mixture can be spread on a board, thus extending the workable life of the mixture.

After hardening, in the case of further coats to be applied, follow the above instructions.

Cleaning: tools used to apply **Z.FIX CLEAR N** may be cleaned with **ST 513 solvent**. Once cured, **Z.FIX CLEAR N** can only be removed mechanically.

HEALTH AND SAFETY INFORMATION

Consult the safety information sheet.

STORAGE INFORMATION

At least 24 months from the date of manufacture for the stored product sealed in the original packaging. Store in a dry place preferably at temperatures between +10°C and +35°C. Avoid direct exposure to sunlight.

FORMAT

| Code | Packaging | Pcs |
|---------|---------------------------------------|-----|
| 1102754 | Z.FIX CLEAR N PART A Jerrycan 8.33 kg | 1 |
| 1102755 | Z.FIX CLEAR N PART B Jerrycan 5 kg | 1 |
| 1102770 | Z.FIX CLEAR N PART A Bottle 0.750 kg | 6 |
| 1102771 | Z.FIX CLEAR N PART B Bottle 0.450 kg | 6 |
| 1001430 | Z.FIX CARICA Bag 0.3 kg | 2 |
| 1001461 | Z.FIX CARICALIGHT N Bag 0.420 kg | 2 |
| 1001438 | Z.FIX FIBRA MINERALE Bag 1 kg | 2 |
| 1001443 | Z.FIX FIBRA NATURALE Bag 0.6 kg | 2 |

Other sizes available on request

