

360FC

Fast Cure PUR Wood Glue

1 - Description

Akfix 360FC Fast Cure PUR Wood Glue is a one-component, fast curing liquid polyurethane adhesive. It possesses high water resistance and bonding strength.

2 - Properties & Features

- Easy application, low viscosity
- High bond strength
- Fast Curing
- Water resistant (D4-DIN EN204)
- Can be used on slightly humid surfaces
- Resistant to temperature extremes
- Resistant to moisture and chemicals

3 - Fields of Application

- Fixing and gluing wooden elements to other various porous and non-porous elements as wood, metal, concrete, polystyrene foam etc.
- Furniture and boat production.
- Fixing of raised flooring layings in combination with mechanical fixtures.
- All bonding applications that need a high water resistance.

4 - Product Information

Packaging	150 gr, 560 gr
Shelf Life	12 months

5- Technical Data

	Method / Conditions	Value
Basis		Polyurethane prepolymer
Curing Mechanism		Moisture Curing
Colour		Light brown
Density	ASTM D1875	1,15±0,05 g/ml

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Viscosity	cps at 20°C (Spindle No 4, 12 rpm)	5000-15000 cps
Tack-Free time	ASTM C679	5-15 min.
Consumption		Approx. 150 ml/m ²
Compression time		At least 15 min
Water resistant	D4-DIN EN204	Excellent
Temperature resistance	(Ambient and surface)	Between -30°C and +100°C
Application temperature	(Ambient and surface)	Between +5°C and +35°C

6– Directions for Use

- Do not use at temperatures below +5 °C. The elements to be bonded must be properly clean and free from dust and grease.
- One of the substrates must be porous to ensure better curing.
- Moistening the substrates slightly will provide stronger adhesion. Apply the adhesive with a brush as thin film to one or both surfaces and join the parts within 2 minutes (minimum after 2 minutes).
- Press the elements together at least for 15-20 minutes.
- Uncured adhesive can be cleaned by acetone.

7– Safety

- Because this adhesive cures by atmospheric moisture, the shelf life is limited once the bottle is opened. The bottles must be kept tightly closed after use.
- Storage above +35 °C and below -10 °C may shorten the shelf-life.
- Pressing time depends on ambience conditions (temperature, humidity etc.) and porosity of the surfaces to be bonded.

8– Safety

Harmful. Contains Diphenylmethane-4,4'-Diisocyanate. Harmful by inhalation. Irritating to eyes, respiratory system and skin. Do not breathe spray/vapour. Wear suitable protective clothing and gloves. Use only in well-ventilated areas. Keep out of the reach of children.

9– Disclaimer

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product. Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our

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