

## SABRE FIX PU

### PRODUCT DESCRIPTION

**SABRE FIX PU** is an advanced single component polyurethane based construction adhesive. This powerful transparent adhesive is developed especially for the construction industry and will bond most types of construction materials including timber (damp and dry), concrete, brick, metals, plasterboard, MDF, particle board, fibreglass, polystyrene and many other porous and non-porous substrates. SABRE FIX PU is highly chemical resistant and waterproof to DIN EN 204:D4 making it suitable for both exterior and interior applications. It also features a foaming penetration action which makes it ideal for bonding uneven or porous substrates as it will expand to fill surface cavities. SABRE FIX PU is not suitable for use on polyethylene and polypropylene.



**Note:** Before using, the user shall determine the suitability of the product for their intended use. Use only as directed.

### BENEFITS

- ✘ Waterproof D4
- ✘ Solvent Free
- ✘ No Voc's
- ✘ Transparent
- ✘ Foaming Penetration Action
- ✘ Express Curing
- ✘ 100% Solids
- ✘ No Shrinkage
- ✘ No Staining
- ✘ Bonds Damp Materials

## APPLICATIONS

- ✘ Interior applications with frequent long-term exposure to running or condensed water.
- ✘ Exterior applications with exposure to weather influences.
- ✘ Manufacturing of door and window-frames that need to meet class D4 according to EN204.
- ✘ Bonding of wooden construction elements.
- ✘ Bonding of insulation materials (including polystyrene)

## TECHNICAL CHARACTERISTICS

Base	Polyurethane
Consistency	Pasta
Curing System	Moisture curing
Open Time*	Approx. 15 min.
Clamping time*	At least 1 hour
Specific gravity	Approx. 1,11g/mL
Temperature resistance	-30°C until +100°C after curing
Water resistance	(DIN EN 204) D4
Shear strength	(DIN EN 204 >10N/mm <sup>2</sup> )
Solid content	100% (solvent free)

\* These values may vary depending on environmental factors such as: temperature, moisture and type of substrates.

## DIRECTIONS FOR USE

**METHOD.** Apply the adhesive by means of a manual or pneumatic caulking gun to one of the to be bonded materials. Join the parts together within 15 minutes and clamp for at least 1 hour. Pressing the materials, during curing, is necessary to reach the highest possible end strength.

**APPLICATION TEMPERATURE.** +5°C to +35°C.

**CLEAN.** SABRE FIX PU can, before the adhesive is cured, be removed from tools and materials with Foam Cleaner. Cured adhesive has to be removed mechanically.

**REPAIR.** with SABRE FIX PU.

## SURFACES

**TYPE.** Various porous and non-porous substrates such as wood, concrete, bricks and other common materials in the building industries'. Not suitable for PE and PP.

**STATE OF SURFACE.** Clean, free of dust and grease.

**PREPERATION.** The adhesive cures under the influence of humidity. Slight moistening of substrates improves curing rate and gap filling characteristics as adhesive foams up to penetrate the bond cavity.

We recommend a preliminary compatibility test.

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## PACKAGING

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**Available colours:** Transparent.

**Packaging size:** Cartridge 310ML (GEL),  
750ML (LIQUID).

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## SHELF LIFE

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At least 12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°..

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## STORAGE

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Apply the usual industrial hygiene. Wear protective gloves. For more information see the MSDS.

*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 general sales conditions. The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.*