

SabreFix™ PU PLUS 1HR



SabreFix PU Plus 1HR 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, particleboard, fibreglass, polystyrene, and many other porous and non-porous substrates.

Properties

Basis	Prepolymer P.U.: reacting to humidity
Viscosity	Thixotropic paste
Colour	White
Dry matter	+/- 100%
Gravity	1.14 g/cm ³ + or - 0.01 g/cm ³
Temperature resistance	-30°C to + 100°C
Resistance to water	D4-standard, DIN 68602
Resistance to chemicals	List on request
Clamp time	At 15°C to 20°C: 1 hour hand resistant

Applications

SabreFix PU PLUS 1HR is suitable for bonding dry and moist wood (max. 30%), rubber, foam rubber, P.U. foam, concrete, glass wool, all porous materials.

Surfaces

- 1** Materials to be bounded must be clean and free from grease.
- 2** Non porous materials should be slightly abraded.
- 3** Components must be bounded within 20 mins.
- 4** Pressing or clamping joints will ensure final bond strength.

ATTENTION: components may be moved 2 hours after bonding. It is essential that at least one of the components to be bonded is porous and contains moisture.

Precautions

- Contains polyisocyanates
- Noxious
- Avoid temperatures above 30°C
- Wear gloves
- Harmful by inhalation
- Irritating to eyes, respiratory system and skin
- Keep out of reach of children
- In case of contact with eyes, rinse abundantly with water and consult a physician
- After contact with skin, wash with plenty of water and soap
- Use in well ventilated areas, if insufficient, wear respiratory protection
- In case of accident, consult a physician

Processing Time

20 minutes.

Application Temperature

From +5°C to +35°C.

Drying Time

Drying time in regard to the shearing value in kg/cm³ at 20°C and 60% relative humidity.

kg/cm ²	TIME
20	80 min
40	2 hours
60	3 hours
80	6 hours
100	11 hours
120	After 24 hours

Storage & Shelf Life

Min. 12 months in original packing in a dry and cool place between +5°C and +25°C.

Packaging & Colour



Available colours: White
Packaging size: 310ml Cartridges
•600ml Foil Packs



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IMPORTANT NOTICE

Sabre Adhesives Limited makes no warranties, express or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose. User is responsible for determining whether the product is fit for a particular purpose and suitable for user's method of application. Due to the fact that specific substrates, such as: plastics, polycarbonates, etc, may differ from manufacturer to manufacturer we recommend preliminary compatibility tests. Please remember that many factors can affect the use and performance in a particular application. The materials to be bonded with the product, the surface preparation of those materials, the product selected for use, the conditions in which the product is used, and the time and environmental conditions in which the product is expected to perform are among the many factors that can affect the use and performance of a product. Given the variety of factors that can affect the use of our products some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

LIMITATION OF REMEDIES AND LIABILITY

If the product is proved to be defective, the sole remedy shall be to refund the purchase price or to repair or replace the defective product. Sabre shall not otherwise be liable for loss or damages, whether direct, indirect, special, incidental, or consequential, regardless of the legal theory asserted, including negligence, warranty, or strict liability.

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