

## SabreFix™ PU PLUS 1H

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

<b>Basis</b>	Prepolymer P.U.: reacting to humidity
<b>Viscosity</b>	Thixotropic paste
<b>Colour</b>	Transparent
<b>Dry matter</b>	+/- 100%
<b>Gravity</b>	1.14 g/cm <sup>3</sup> + or - 0.01 g/cm <sup>3</sup>
<b>Temperature resistance</b>	-30°C to + 100°C
<b>Resistance to water</b>	D4-standard, DIN 68602
<b>Resistance to chemicals</b>	List on request
<b>Clamp Time</b>	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 bonded must be clean and free from grease.
- 2 Non porous materials should be slightly abraded.
- 3 Components must be bonded 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/cm<sup>2</sup> at 20°C and 60% relative humidity.

kg/cm <sup>2</sup>	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:** Transparent  
**Packaging size:** 310ml Cartridges  
• 600ml Foil Packs



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