



# 617 W

## PU EXPRESS WOOD ADHESIVE

PU Express Wood Adhesive is an one-component polyurethane based moisture resistant adhesive which is suitable for use in bonding any kind of wood including moisturized wood. It is advantageous in the areas of general wood bonding, window and door frame, door, furniture, ship and stairs production with its high adhesive strength and fast curing capabilities.

### FEATURES & BENEFITS

- **Moisture and weather resistant after cured,**
- **D4 water resistance class according to DIN EN 204,**
- **Fast curing but also gives the ability to make adjustments**
- **Low press time,**
- **Low consumption, economical,**
- **It can be used on slightly damp surfaces,**
- **Usable in both vertical and horizontal surfaces cause of its non-slump properties,**
- Provides chemical resistance,
- One component, easy to use and dispose,
- Transparent,
- No odor.

### APPLICATIONS

- **A premium choice for moisturized areas,**
- **In every kind of wood work; from furniture to marine industry and to window and door frame, door and stairs production,**
- **Useable with wide range of porous and non-porous material like wood, plywood, concrete, brick, PVC, granite, marble, natural stone, glass, polycarbonate, metal, ceramic etc.**
- **Also good for mounting isolation, decorative polystyrene and wall panels.**

### INSTRUCTIONS

- The substrates must be dry clean, free of dust and grease.
- The application temperature should be between 5°C and 35 °C.
- Moistening the substrates slightly will provide stronger adhesion.
- Adhesive should be applied to only one side in straight or wave-like form within 2 minutes
- Mechanical fasteners must be used to keep the materials together (15-20 min.) until the adhesive cures totally.
- Fresh adhesive can be cleaned with acetone.

A Premium  
Choice for  
Moisturized  
Areas



## RESTRICTIONS;

- Storage above 35 °C may shorten the shelf life
- Not suitable for polyethylene, polypropylene, nylon, ABS, PTFE
- Should be tested before application for specific substrates

## STORAGE AND SHELF LIFE;

12 months between 5 and 25 °C in closed original packaging.

## SAFETY & DISPOSAL

Contains Diphenylmethane-4,4 di-isocyanide. Corrosive and irritating to eyes, skin and lungs. Harmful if swallowed. Wear chemical resistant gloves and eye protection when in contact. Keep container tightly closed when not in use. Prevent spillages.

## PROPERTIES

<b>Basis</b>	: Polyurethane prepolymer
<b>Density</b>	: 1.13 ± 0.03 gr/ml
<b>Tack-Free Time</b>	: 5 – 10 min. (at 23°C and %50 R.H.)
<b>Consistency</b>	: Thixotropic
<b>Shrinkage</b>	: None
<b>Pressing Time</b>	: 15 – 20 min.*
<b>Temperature Resistance</b>	: -20°C to +70 °C
<b>Application Temperature</b>	: +5 °C to +35 °C
<b>Maximum Shear Strength</b>	<b>(beech-beech)</b>
<b>After 15 min</b>	: > 50 kgf/cm <sup>2</sup>
<b>After 24 hours</b>	: > 80 kgf/cm <sup>2</sup>

\*Pressing time depends on ambience conditions (temperature, humidity etc.) and porosity of the surfaces to be bonded.



## PRODUCT

Product Type	Volume	Package
617W ( Cartridge)	310 mL	12

## DISCLAIMER

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