



P.42 EXPRESS PU MONTAGE ADHESIVE

1 – DESCRIPTION

P.42 Express Montage Adhesive is a single component, fast curing polyurethane based adhesive. It combines high bond strength with fast curing. It's used to bond almost all common building materials.

2 – PROPERTIES

- Fast curing
- Fast curing, low press time.
- Conforms to D4 according to DIN EN 204.
- Transparent.
- Extremely high bond strength on wooden substrates.
- Thixotropic, non-sag, ideal for vertical joints.
- Low consumption, economical.
- Usable on slightly wet substrates.
- Very good resistance to chemicals.
- Excellent resistance to moisture and weather conditions.
- Good filling properties.
- Non-shrinking.
- Low odor.

3 - APPLICATIONS

It is suitable for use in construction and repair applications where a permanent strong bond is required between porous-porous and porous-nonporous surfaces.

It can be used for bonding to various kinds of construction materials such as wood, MDF, concrete, metal, polystyrene and polyurethane foam, marble, granite and ceramic etc.

4 – INSTRUCTIONS

The substrates must be dry clean, free of dust and grease. Moistening the substrates slightly will provide stronger adhesion. The application temperature must be between +5°C and +30°C. Moistening the substrates slightly will provide stronger adhesion. Express Montage 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.



5- PACKAGING

Product	Volume	Package
P.42	310 mL / 290 mL	24
P.42	50 mL	30

6- STORAGE AND SHELF LIFE

- 12 months in unopened original packaging when stored between +5°C and +25°C.

7- SAFETY

Contains Diphenylmethane-4,4'-Diisocyanate. Irritating to eyes and skin. Harmful if inhaled. Wear suitable protective gloves. Keep away from direct sunlight. Keep out of the reach of children.

8- 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.

9- TECHNICAL PROPERTIES

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

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