PATTEX PL 100

DESCRIPTION

Pattex PL100 is for all absorbent substrates and indoor applications, provides high initial tack (180KG/m2), solvent-free, over-paintable, bridges gaps up to 10 mm, corrections possible within the first 15 min, neutral odour.

CHARACTERISTICS

- High Initial Tack
- For all absorbent materials
- Over-paintable
- For interior use
- Solvent free

SCOPE OF USE

PL 100 (Construction Adhesive) is a professional, water based construction adhesive with immediate high tack properties. It is designed for indoor use mainly.

PL 100 is suitable for the following surfaces: laster (indoor), concrete, cellular concrete, pumice, fiber concrete, plaster board, gypsum boards, wood materials (e.g. chip boards) and polyurethane rigid-foams.

Not recommended for permanent water immersion.

PACKAGING INFORMATION

IDH	Packaging type	Size
1797916	Cartridge	380g

APPLICATION

Cut off tip of the cartridge above the screw thread. Screw on plastic nozzle and cut off the tip of the nozzle. Place cartridge into gun. Apply adhesive onto one of the surfaces. Ensure surface to be bonded are free of dust, grease or oil and not in permanent contact with water. Substrates must be stable.

One surface must be absorbent to ensure a solid, secure bond. To ensure proper bond, press firmly so that all surfaces are in contact with adhesive. Heavy items and items under tension have to be supported and fixed for at least 24 hours.

Remove residues immediately with a damp cloth.

'In the case of very water-adsorbent substrates such as gypsum, MDF, chipboard (not OSB), clay-brick, it is possible that the glue dries too quickly along the outer perimeter of the application, and the interior of the application does not form a proper bond.

To have proper bond on very absorbent surfaces, wet the surface with a spray bottle or wet cloth before gluing.

To remove adhesive residue of separating agents on PU made decorative panels, use abrasive paper or solvents like acetone before applying PL 100.

Bonding of panels, plastic decoration details, acoustic panels etc.:

Place panel 1-2 cm off the bonding spot, then slide into correct position and press well. If necessary, support heavy materials with decorative nails.

If the underlying layer is smooth and sound, bond panels directly. For uneven surfaces, we recommend creating a mechanically fixed sub-construction with small wooden panels or rigid polystyrene or polyurethane foam stripes (width: 5-10 cm, thickness: 5-20 mm, distance between stripes: 30-65 cm, depending on the panels to be bonded).

STORAGE & SHELF LIFE

This product should be stored in its original packaging in a cool, dry place, protected from frost, sparks, flames and direct sunlight. Keep away from children.

Shelf life: 18 months from manufacturing date.

TECHNICAL DATA

Basis	Water-based polymer dispersion
Colour	White
Density	Approx. 1.3 g/cm³
Application temperature	+10°C to +40°C
Temperature resistance	-20°C to +70°C
Coverage	Approx. 300 g/m² with fullsurface application, or approx. 11 meters when applying lines of 6 mm thickness
Final bond strength	Up to 6 N/mm² (shear strength of wood at room temperature)
Open time	Approx. 15 minutes at room temperature (23°C)
Gap-bridging capacity	Max. 10 mm
Drying time	Min. 48 hours when applying layers of 2 mm thickness

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