

PATTEX PL200

DESCRIPTION

Pattex PL200 construction adhesive is the flexible way to seal and bond. It is a professional polymer-based construction adhesive with high immediate tack that instantly bonds, fixes and seals a wide variety of building materials inside and outside buildings (up to 50kg/m²).

CHARACTERISTICS

- For interior and exterior applications
- Transparent
- For all materials and substrates*
- Polymer based
- Water-resistant
- Seal & bond

SCOPE OF USE

PL 200 transparent is multiple-substrate compatible including Brick, Ceramic, Concrete, Hardboard, Plasterboard, Plywood, Stone, MDF, Wood, Metal, UPVC, Glass, Plastics*, painted surfaces*, Mirrors**.

All absorbent and non-absorbent substrates are suitable. Except PE, PP, PTFE, acrylic glass, plasticized PVC, copper and brass. With coated substrates, a check of product suitability or professional advice is recommended. Wet surfaces are possible if it has the possibility to dry. Not recommended for permanent water immersion.

Seam seals in metallic and wooden construction (no movement) seam seals in ventilation & air-conditioning ductwork (no movement).

Gluing of natural stones (e.g. windowsill –seat made from marble, granite) is possible, if the natural stone has a thickness of min. 10 mm.

*Pre-test to determine suitable bonding, because of many different substrates. The adhesion of PL 200 on polystyrene foam (Styrofoam) can be significantly improved, by precoat with diluted wood glue. Mix wood glue about 1 : 1 with water and spread onto the substrate. After drying of the precoat, PL200 are ready to apply.

**Use mirrors acc. DIN EN 1036-1, ask for technical advice for large-scale objects.



PACKAGING INFORMATION

IDH	Packaging type	Size
1797914	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.

Curing of adhesive requires the intake of a small amount of moisture (either from the atmosphere or substrate). In case of two non-absorbent surfaces, make sure that adhesive tracks do not merge as contact with air is necessary for adhesive setting. Press together glued surfaces while glue is still humid – approx. 15 min. Heavy items and items under tension have to be supported and fixed for at least 24 hours.

Remove residues immediately with a cloth soaked with acetone.

In cases of unknown materials or critical applications adhesions tests are recommended or contact our Technical Service'

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: 15 months from manufacturing date.

TECHNICAL DATA

Basis	Silane-curing FlexTec polymer
Colour	Transparent
Density	Approx. 1.03 g/cm ³
Application temperature	+5°C to +40°C (substrate and ambient)
Temperature resistance	-30°C to +80°C; short-term exposure to 100°C
Coverage	Approx. 300 g/m ² with fullsurface application, or approx. 11 meters when applying lines of 6 mm thickness
Final bond strength (DIN EN 205)	~ 3,0 N/mm ² (lap-shear strength, wood/wood)
Open time	Approx. 15 minutes at room temperature (23°C)
Gap-bridging capacity	Up to 20 mm
Drying time	app. 2 mm / 24 hours (23°C, 50% r. h., bead 20x10mm)