

# PL 100

## Montage Dispersion

### CHARACTERISTICS

- ▶ Extra high initial tack (> 100 kg/m<sup>2</sup>)
- ▶ For all absorbent materials
- ▶ High final strength (> 6 N/mm<sup>2</sup>)
- ▶ For indoor use
- ▶ Solvent-free
- ▶ Over-paintable
- ▶ Bridges gaps up to 10 mm
- ▶ Corrections possible within the first 15 min.
- ▶ Neutral odour

### SCOPE OF USE

- For indoor application
- Construction adhesive for all absorbent substrates, e.g. wood, plywood, MDF boards, aerated concrete, fibre cement, polystyrene, rigid PU foam, bricks, cork and similar materials
- For bonding skirting boards made of wood and PVC
- For fixing decorative mouldings and ceiling roses
- For securing wall panels and insulation boards

### SUBSTRATE PREPARATION

All substrates must be load-bearing, sound, clean, free of dust, grease and oil and not in permanent contact with water. At least one surface must be absorbent.

### APPLICATION

#### Material preparation:

Apply Pattex PL 100 with a standard cartridge gun. Good accuracy of fit is required. In the case of exotic woods rich in active substances such as teak, wash the surfaces to be bonded with acetone shortly before joining the work pieces.

#### Adhesive application:

Depending on the substrates, apply the adhesive uniformly over the full surface area using either line or spot application. If appropriate, the adhesive can also be applied with a PE glue comb.

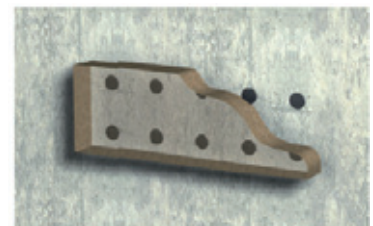


#### Line application (vertical):

If the adhesive is applied as vertical lines, any moisture (either as condensate or water acting directly on the bond) is free to drain off at the lower edge of the bonded work piece.

#### Spot application:

When bonding light-weight components, it is also possible to use the spot application method. The effect of spot application is similar to that produced by vertically applied lines.



After that, press the work pieces firmly down. After first contact has been made, the adhesive cures without the necessity to apply further pressure. As a precaution,

heavy parts or work pieces under tension should be secured for a period of 24 hours.

## TRADE INFORMATION

### Short code / Packaging unit

PPL1W White 12 cartridges of 300 ml each

## PLEASE NOTE

### Restrictions for use:

Not suitable for bonding PE, PP, PTFE, Teflon or similar plastics and acrylic glass. When bonding plastic materials, the user should carry out preliminary tests to ensure a reliable bond.

Not recommended for producing bonds in wet rooms or for surfaces with constant exposure to moisture. Not suitable for bonding mirrors. For this application, we recommend Pattex PL 200 or Pattex PL 300.

### Over-paintability:

PL 100 can be over-painted with emulsion paints after drying. Preliminary tests are recommended!

### Removal of adhesive residues:

Wipe off excess adhesive with a damp cloth before the adhesive dries. After curing, product residues can only be removed mechanically.

### Safety precautions:

Not required.

## TECHNICAL DATA

Basis:	Water-based polymer dispersion
Colour:	White
Density (specific gravity):	Approx. 1.3 g/cm <sup>3</sup>
Application temperature:	+10 °C to +40 °C
Temperature resistance:	-20 °C to +70 °C
Coverage:	Approx. 300 g/m <sup>2</sup> with full-surface application, or approx. 11 meters when applying lines of 6 mm thickness
Final bond strength:	Up to 6 N/mm <sup>2</sup> (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
Shelf-life:	18 months if stored in a frost-free, cool and dry place

**Should you need support or advice, please contact our advisory service for craftsmen: phone 0211/797-6700.**

The above information, in particular recommendations for the handling and use of our products, is based on our professional knowledge and experience. As materials and conditions may vary with each intended application and thus are beyond our sphere of influence, we strongly recommend that in each case sufficient tests are conducted to check the suitability of our products for the intended application method and use. Legal liability cannot be accepted on the basis of the contents of this technical data sheet or any verbal advice given unless there is evidence of wilful intent or gross negligence on our part.

This technical data sheet supersedes all previous editions relevant to this product.

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