

Purocol Express

SODAL

A polyurethane based construction adhesive with ultra high strength and rapid curing for a semi-transparent and water resistant (D4 to EN 204) bonding.

- Gun applied polyurethane adhesive
- Professional Quality
- Semi-transparent white
- Non drip, suitable for vertical seams
- Fast Strength build-Up
- Filling characteristics for bonding onto uneven surfaces
- Water resistant D4
- Solvent free
- Open time: 15 minutes
- Clamping time: 1 hour

300ml cartridge



Suitable for extreme duty bonding of wood and other common building materials.

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Purocol Express



Base	Polyurethane
Consistency	Paste
Curing system	Moisture evaporation (air humidity)
Density**	Ca. 1,11 g/ml
Total solid content	100 %
Temperature resistance**	-30 °C → 100 °C
Open time (*)	Ca. 15 min.
Pressing times	Minimum 1 hour
Movement capability	Moderate joint movement
Water resistance	(EN204) D4
Shear strength**	> 10MPa
Shelf life	12 months
Application temperature	5 °C → 35 °C

* These values may vary depending on environmental factors such as temperature, moisture, and type of substrates. ** This information relates to fully cured product.

Product description

Purocol Express is a polyurethane based, semi-transparent, ready to use, universal construction adhesive.

Properties

- Professional quality
- Semi-transparent white
- Fast strength build-up
- Filling characteristics (slight foam formation), suitable for the bonding onto uneven surfaces.
- Water resistant D4
- Solvent free

Applications

- Interior applications which are exposed to high relative humidity.
- Exterior applications which are exposed to direct weather influence.
- Bonding of windows and door frames (also corner connections) which need to meet class D4 according to EN204.
- Bonding of wooden construction elements.
- Bonding of insulation materials (also polystyrene).
- Particularly suited for bonding dampened timber (up to 30% humidity)

Packaging

Colour: Semi-transparent white
Packaging: 310 ml cartridge

Shelf life

At least 12 months in unopened packaging in a dry storage place at temperatures between +5 °C and +25 °C.

Substrates

Various porous and non-porous surfaces such as wood, concrete, stone, and other materials commonly used in construction.

Not suitable for PE, PTFE and PP.

Surface preparation

All surfaces to bond should be clean and free of dust, dirt, and grease. The adhesive cures and foams up slightly on exposure to moisture in the air or in the material. Lightly moistening the surface (water spray) can accelerate the hardening process and increase the filling characteristics of the product. We recommend a preliminary adhesion test on any substrate.

Application method

Application method: Apply the adhesive with a sealant gun onto one of the surfaces which need to be bonded. Bring the two parts together within a maximum of 15 minutes and clamp for at least 1 hour. Clamping of the materials, during the curing, is necessary in order to achieve the final maximum possible strength.

Cleaning

Uncured Purocol Express can be removed from substrates and tools with Soudal Gun and Foam Cleaner.
Cured Purocol Express can only be removed mechanically.

Remark: This technical data sheet replaces all previous versions. The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. Since the design, the quality of the substrate and processing conditions are beyond our control, no liability under this publication is accepted. In every case it is recommended to carry out preliminary experiments. Soudal reserves the right to modify products without prior notice.