

PUROCOL EXPRESS

Revision: 02/02/2005

Page 1 of 2

Technical Data:

Base	Polyurethane
Consistency	Pasta
Curing System	Moisture curing
Open Time*	Approx. 5 min.
Clamping time*	At least 1 hour
Specific gravity	Approx. 1,11g/mL
Temperature resistance	-30°C until +100°C after curing
Water resistance (DIN EN 204)	D4
Shear strength (DIN EN 204)	>10N/mm ²
Solid content	100% (solvent free)

* This can vary according to environmental circumstances such as temperature, humidity, substrate etc.

Product:

Purocol Express is a one-component, ready to use, transparent polyurethane based construction adhesive.

Characteristics:

- Professional quality
- Transparent
- Fast curing
- Filling characteristics, suitable for uneven surfaces
- Waterproof D4
- Solvent free

Applications:

Interior applications with frequent long-term exposure to running or condensed water.

Exterior applications with exposure to weather influences.

Manufacturing of door and window-frames that need to meet class D4 according to EN204.

Bonding of wooden construction elements

Bonding of insulation materials (including polystyrene)

Surfaces:

Type: various porous and non-porous substrates such as wood, concrete, bricks and other common materials in the building industrie.

Not suitable for PE and PP

State of Surface: clean, free of dust and grease

Preparation: the adhesive cures under the influence of humidity. Slight moistening of substrates improves curing rate and gap filling characteristics as adhesive foams up to penetrate the bond cavity.

We recommend a preliminary compatibility test.

Applying the adhesive:

Method: Apply the adhesive by means of a manual or pneumatic caulking gun to one of the to be bonded materials. Join the parts together within 5 minutes and clamp for at least 1 hour. Pressing the materials, during curing, is necessary to reach the highest possible end strength.

Application temperature: +5°C to +35°C

Clean: Purocol Express can, before the adhesive is cured, be removed from tools and materials with Soudal Gun and Foam Cleaner. Cured adhesive has to be removed mechanically.

Repair: with Purocol Express

Packaging:

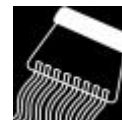
Colour: transparent

Packaging: cartridge 310mL

Shelflife:

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

Remark: 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. In every case it is recommended to carry out preliminary experiments.



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Page 2 of 2

Safety recommendations:

Apply the usual industrial hygiene.

Wear protective gloves.

For more information see the MSDS.

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