

Vapourseal

Revision: 6/01/2022

Page 1 from 2

Technical data

Basis	Acrylic
Consistency	Paste
Curing system	Physical drying
Density	Ca. 1,15 g/ml
Temperature resistance**	-40 °C → 100 °C
Open time (23°C, 55% RV)*	60 min.
Peel strength	≥ 60 N/50 mm (bij 30 mm/min.)
Shear strength**	Ca. 0.1 N/mm ²
Application temperature	5 °C → 50 °C
Drying time (23°C and 50% R.H.)	2 mm/24 h

* 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

Vapourseal is a ready-to-use, plasto-elastic one-component sealant adhesive based on acrylic dispersions, to achieve indoor air- and vapor-tight connections with all types of vapour barrier membranes.

Properties

- Air and vapor tight
- Excellent adhesion onto all types of vapour foils.
- Good adhesion on slightly moist substrates
- Permanent flexibility
- Good sag resistance
- Free of solvents and isocyanate
- UV-resistant
- Free of plasticizers.

Applications

- Making of airtight connections with all types vapour barrier membranes on all kinds of building surfaces.
- Realize airtight connections between adjacent structural parts.
- Providing good application, ensures air- and vapor-tight connections in accordance with the requirements of EN13829 DIN4108-7 and NBN.

Packaging

Colour: blue
Packaging: 310 ml cartridge

Shelf life

At least 24 months in unopened packaging in a dry storage place at temperatures between +5°C and +25°C. Protect against frost.

Substrates

Substrates: Various vapour barriers membranes such as PE, PA, PP, aluminum, EPDM, PVC, Soudal SWS tape, ... As well as good adhesion (wet) surfaces: plaster, brick, (gas) concrete, wood, insulation, plasterboard, fiber cement, ...

Nature: clean, free of dust and grease.

Surface preparation: No pretreatment required. We recommend a preliminary adhesion test on every surface.

Application method

Application method: apply, using a caulking gun, at one side an adhesive bead of approx. 5 mm on the edge of the vapor barrier film to be bonded. Install the vapour barrier membrane against the substrate with a sufficient movement possibility in order to absorb movement of the construction. Do not press the adhesive completely flat and make sure that an adhesive thickness of 1 to 2 mm is

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.

Vapourseal

Revision: 6/01/2022

Page 2 from 2

maintained. Provide a minimum width of 25 mm glue.

Cleaning: Uncured Vapourseal can be removed from substrates and tools with Adhesive Remover 90A or Soudal Swipex

Repair: With the same material.

Health- and Safety Recommendations

Take the usual labour hygiene into account.

Wear gloves. Consult the label for more information.

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.