

Soudaseal PIB

Product description

Soudaseal PIB is a high performance polyisobutene (PIB) based sealant which is a permanently non-curing, plastic-staying sealant, which can be dabbed away with a piece of the sealant itself.

Properties

- Good weather and UV resistance
- Very low water vapour permeability (0,1 - 0,2 g/m² after 24 hours)
- No bubble formation within sealant in high temperature and humidity applications
- Excellent resistance to many chemicals
- Not paintable

Applications

- Sealing of overlaps and joints in transportation vehicles like bus, caravan and truck.
- Sealing of rubber-glass bonds in buses, cars, trains and lorries.

Technical data

Base	Polyisobutene
Consistency	Stable paste
Density	ca. 1,39 g/ml
Application temperature	+5°C → +35°C
Temperature resistance	-30°C → +100°C
Solid content	ca. 90 %

Footnote: Skinning time and curing speed may vary depending on environmental factors such as temperature, moisture, and type of substrates.

Substrates

- Substrate condition
The surface must be rigid, clean, dry, free of dust and grease.
- Substrate preparation
All smooth surfaces can be treated with Soudal Surface Activator.
- Substrate types
Soudaseal PIB has a good adhesion to following substrates: Many porous and non-porous substrates. Soudaseal PIB has no good adhesion or is not suitable for PE, PP, PTFE (Teflon®). We recommend a preliminary adhesion and compatibility test on every surface.

Application method

- Application method
Apply Soudaseal PIB with a manual- or pneumatic caulking gun. Apply in the joint and remove excess by dabbing with the same product.
- Cleaning method
Clean with Soudal Surface Cleaner or with Soudal Swipex Wipes, immediately after use.
- Repair method
Repair with the same material.

Health- and Safety Recommendations

Take the usual labour hygiene into account. Consult the packaging label and safety data sheet for more information.

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Packaging/Logistics

Colour: Black

Packaging: 300 ml cartridge, 600 ml foil bag, other packaging on request

Shelf life: 12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C

Remarks

- Soudaseal PIB should always be used between mechanically fastened or clamped substrates.
- Soudaseal PIB is not suitable for sealing against pressurized or (long-term) stagnant water.
- Liability: it is the responsibility of the user by own tests to determine whether Soudaseal PIB is suitable for the application.

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. It is general in nature and does not constitute any liability. 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. It is the responsibility of the user to determine by his own tests whether the product is suitable for the application. In every case it is recommended to carry out preliminary experiments. The manufacturer reserves the right to modify products without prior notice.