

Soudaband Acryl T80

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Technical data

Material	Open cell polyurethane foam impregnated with an acrylic dispersion
Density**	70 - 90 kg/m ³
Application temperature	-5 °C → 40 °C
Temperature resistance	-20 °C → 85 °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

Soudaband Acryl T80 is a non-standardised, impregnated joint sealing tape for sealing joints and (window) connections against noise, drafts and dust which can also serve as a backer rod for sealants.

Properties

- Acoustic and thermally insulating
- Dustproof
- Windproof
- Vapor permeable
- Easy to apply
- Self-adhesive backing (= installation aid)
- Non-staining at joint edges
- Neutral and odorless
- Stays elastic and repaintable

Applications

- Permanently elastic sealing of connection and expansion joints in masonry, prefab elements, concrete, sandwich panels, roof constructions, etc.
- Sealing of (connection) joints around windows and doors
- Sealing between metal components.
- High thermal and acoustic insulation between coupled windows
- As backerrod for sealants

Packaging

Colour: anthracite

Packaging: Rolls (pre-compressed to approx. 20% of the expanded original thickness), Various sizes available. Please consult the product catalogue, the Soudal website or a Soudal representative.

Shelf life

At least 9 months in original, unopened packaging at a cool and dry storage place, between +5°C and +25°C.

Substrates

Substrates: all usual building substrates

Nature: Clean and free of grease. Slightly moist or slightly dusty substrates are no problem.

Voegafmetingen

Example: Soudaband Acryl T80 20/3

20 = width of the tape (mm) = depth of the joint
3 = minimum thickness of the tape, width of the joint

Soudaband Acryl T80 is compressed to approximately 20% of its original thickness and will therefore expand its compression thickness up to 5 times (~ 15 mm).

A maximum expansion of approx. 35% (~ 7 mm) should not be exceeded to maintain the thermal and acoustic insulating properties of the tape.

Maximum joint width: must be determined at the lowest possible temperature.

Minimum joint width: is the pre-compressed thickness of the tape.

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.

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The joint sealing tape may not expand more in its application than it is wide to avoid tipping over.

Application method

- For application only a spatula, a meter, scissors or a knife and where necessary wooden wedges are required.
- Do not use the first and last part of the roll (approx. 3 cm).
- When measuring the length/cutting of the tape add approx. 1 cm/m.
- Do not stretch Soudaband Acryl T80 during installation.
- Connect the tape (at an extension or in the corners) closely to butt joints to form a tight, compressed connection.
- When working in damp or cold conditions Soudaband Acryl T80 can be fixed with wooden wedges until it is expanded.

* Consult the Soudal website or a Soudal representative to receive a detailed installation guide.

Health- and Safety Recommendations

Take the usual labour hygiene into account. Consult the label for more information.

Remarks

- Clamp remaining rolls and weigh down opened boxes to prevent lateral expansion (telescoping) of the rolls.
- Soudaband Acryl T80 is not suitable for direct exposure to weather conditions.
- Soudaband Acryl T80 should not come into contact with solvents or aggressive chemicals. If in doubt, consult a Soudal representative.
- Soudaband Acryl T80 is paintable with waterbased paints, however due to the large number of paints and varnishes available we strongly suggest a compatibility test before application.
- This product is elastic and therefore applied layers of paint can crack in joints that experience large movements (large difference in elasticity between sealant and paint).

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