

Soudaband Acryl 300

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Technical data

Material		Open cell polyurethane foam impregnated with an acrylic dispersion
Application temperature		-5 °C → 40 °C
Temperature resistance		-40 °C → 90 °C
Fire reaction class	DIN 4102	B2 (normal flammability)
Compatibility with adjacent building materials	in-house	requirements fulfilled
Dimension tolerance	DIN 7715 T5 P3	Requirements fulfilled
Thermal conductivity (λ)	EN 12667	$\leq 0,046$ W/m.K

* 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 300 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
- Complies with the requirements according to DIN 4108 (EnEv) and the recommendations of the RAL installation guide.
- 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, grey

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 12 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.

Joint dimensions

Example: Soudaband Acryl 300 20/3

3 = minimum thickness of the tape, width of the joint

20 = width of the tape (mm) = depth of the joint
Soudaband Acryl 300 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% (~ 5 mm) should not be exceeded to maintain the thermal and acoustic insulating properties 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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Maximum joint width: must be determined at the lowest possible temperature.
Minimum joint width: is the pre-compressed thickness of the tape.
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 300 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 300 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 300 is not suitable for direct exposure to weather conditions.
- When installing Soudaband Acryl 300, higher temperatures will speed up tape expansion while lower temperatures will delay tape expansion.
- Soudaband Acryl 300 should not come into contact with solvents or aggressive chemicals. If in doubt, consult a Soudal representative.
- Soudaband Acryl 300 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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