

**SOUDABOND EASY**

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Technical Data:

Base	Polyurethane
Consistency	Stable Adhesive Foam – does not slump
Curing system	Moisture-cure
Skin formation *	Ca 8 min.
Drying time *	Dust-free after ca 10 min
Curing rate *	Ca 40 min (30mm bead)
Full adhesive strength *	Ca 60 minutes for bonding applications (up to 10mm thickness) Ca 12 hours in joints (30mm bead)
Yield	for up to 14m ² of panels per can
Post expansion – Shrink	None
Shear strength (DIN 53427)	Ca 12N/cm ²
Resistance to pressure (DIN 53421)	Ca 3N/cm ²
Water absorption (DIN 53428)	Ca 2% Vol.
Insulation Factor (DIN 52612)	Ca 36 mW/m/Kelvin
Temperature resistance	-40°C to +90°C when fully cured short term +120°C (up to 60 minutes)
Colour	Orange
Fire class (DIN 4102 part 2)	B2 (normal flammability)

* these values can vary due to environmental factors such as temperature, humidity, type of substrate

Product:

Soudabond Easy is a one-component, self-expanding, Polyurethane Foam Adhesive with filling characteristics, which makes the product suitable for the bonding of slightly uneven surfaces.

The product is easy to apply with a special, adjustable PU Foam applicator with the patented Click&Fix system. It does not contain CFC based propellants.

Characteristics:

- Makes the bonding of many types of materials and panels much easier: no preparation of the adhesive needed, very fast bond, light weight, no cleaning of tools)
- Significant reduction of weight and space, no need for mortar or trowel.
- Application can be finished very quickly (1 hour drying time)
- One single can is sufficient for the bonding of 14m² of panels

- Propellant Gas does not impact the environment (free of HCFC and CFC)
- Free of solvents
- Excellent thermal and acoustical insulation
- Excellent stability (no shrink, no post expansion)
- Very precise application due to the foamgun system
- Excellent bond on almost all building materials (except PE, PP, PFTE and Silicone)
- Resistance to many solvents, paints and chemicals
- Excellent aging characteristics, does not rot, **protect from UV radiation**
- Waterproof (but not water resistant)

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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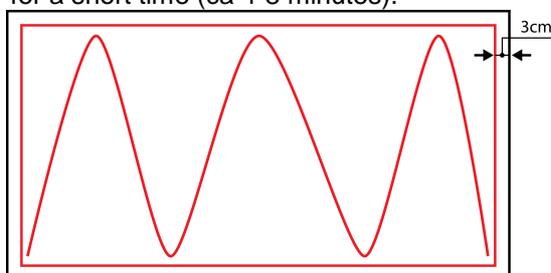
Application areas:

- Bonding of many types of Insulation Panels onto a wide range of substrates
- Bonding of plasterboard panels
- Bonding of aerated concrete bricks for non carrying interior walls
- Filling of cavities

Instructions for use:

a) Insulation panels and plasterboard panels

- Mask adjacent areas to protect against possible soiling. Do not apply in windy conditions.
- Substrates should be clean and free of dust and grease but can be moist. Loose parts must be removed and if necessary primer must be used (e.g. old plaster)
- Fit the gun onto the adapter. Shake the aerosol can for at least 30 times to ensure proper mixing.
- Use the setting screw to achieve the correct width of the adhesive bead (30mm diameter).
- Apply Soudabond Easy in beads onto the panel as per enclosed drawing.
- Keep the extrusion valve ca 1-2cm removed from the surface.
- Start by applying a bead around the perimeter of the panel, ca 3cm from the edge. Fill the area inside the perimeter in a zig-zag pattern and ensure that ca 40% of the surface to be bonded is covered with adhesive.
- Lightweight panels can be bonded immediately after application of the adhesive and within maximum 8 minutes.
- For heavier panels, wait for the adhesive to set for a short time (ca 4-8 minutes).



- Press the insulation panel to the surface for 30-60 seconds. Heavier panels should be clamped or supported for ca 60 minutes.

- Gaps between the panels can be filled with Soudabond Easy.
- Excess foam can be trimmed off with a cutter knife.
- If average bond thickness is more than 15mm, extra mechanical fixation is advisable

b) bonding of interior walls made from AAC (aerated autoclave concrete) and other types of stone

- Only suitable for non carrying walls
- Ensure that the AAC blocks or stones are free of dust
- If required, use Soudal Deep Primer to fix the structure of the stone.
- Apply Soudabond Easy in 2 beads onto the top of the stone.
- No waiting period required.
- Gaps between the stones can be filled with Soudabond Easy.

Packaging:

Aerosol can 750mL – 12 units per box
Colour : Orange

Shelf life:

- 18 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.
- Always store can with the valve pointed upwards
- Partially used cans: Leave attached to the applicator and clean extrusion tip thoroughly with Gun & Foam Cleaner. Use within a short time

Surfaces:

- All usual building surfaces such as concrete, brickwork, plaster, timber, metals, Polystyrene, coated bitumen rolls, bitumen coatings. Does not bond on PE, PP, PFTE, Silicone.
- Not suitable for rockwool and glass fibre insulation materials
- Surfaces need to be clean, free of dust and grease and stable. Limited moisture is acceptable, but wet surfaces are not suitable.

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- +5°C until +35°C (temperature of the bonding surface)
- +15°C until +25°C (temperature of the aerosol can).
- If required the aerosol can may be brought to the correct temperature by placing it into a bucket of cool or tepid water.

Cleaning :

- Fresh product can be removed using Soudal Foamcleaner or acetone.
- Cured product can only be removed with Soudal PU Cleaner or mechanically.

Repair with

- Soudal Soudabond Easy

Health and safety recommendation:

- Apply the usual industrial hygiene.
- Wear gloves and safety goggles.
- Remove cured adhesive by mechanical means only, never burn away
- Consult the label for more information

Remarks:

- The application with the Click & Fix applicator ensures very precise use of the product in beads which can vary from very fine to 30mm.
- In hollow cavities a slight moistening will improve the initial bond.
- It is not recommended to moisten the surface if the product is used as adhesive.

Norms and approvals

- Building Class B2 (fire rating) to DIN 4102, Test Certificate
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