

ALUJET Allfixx

Product description

- ▶ ALUJET Allfixx is a water- and solvent-free sealant and adhesive for interior and exterior use, for vapour retarders, underlays; sarking membranes and ALUJET waterproofing membranes. According to DIN 4108-7 and SIA 180.



Fig. 1: ALUJET Allfixx

Product benefits

- ▶ Frost-resistant to -15°C; ageing-resistant; levels out unevenness; permanently UV-resistant; can be painted over; ageing-resistant; no shrinkage of the material; primerless adhesion on many substrates, even on damp and slightly greasy (greasy film) substrates.

Area of application

- For connecting vapour control layers, sarking membranes and sarking membranes to existing building components.
- Fixing ALUJET Walljet ALU (L-barrier) to a bitumen substrate
- Connection of ALUJET waterproofing membranes to masonry barrier membranes
- as a nail seal between counter-batten and sarking or underlay membrane
- for sealing boreholes in the area of pipelines
- Overlap bonding of vapour control, underlay and sarking membranes.
- Adheres to PE, PA, PET, PVC, EPDM, fleece, masonry, plaster, wood, metal, kraft paper, cardboard, plastic, ceramics, glass, bituminous substrates, stone and concrete.

Technical data

Test	Standard	Unit	Value
Colour	---	---	Black
Consistency	---	---	Paste like
Density	---	g / ml	1,22
Processing temperature	---	°C	+5 to +40
Temperature resistance	---	°C	-40 to +80
Consumption (7 mm x 7 mm)	---	m	6
Solite content	---	%	100
Solvent	---	---	None

Specification

Content:	378 g	732 g
Carton content:	12 Cartridges	12 Bag
Pallet content:	110 Carton	110 Carton

Storage

- ▶ 12 month; from. +5°C up to +25°C; UV-protected

Processing

ALUJET Allfixx is applied evenly and without gaps to the substrate in bead form using a cartridge press or tubular bag press. The substrate must be clean, dust-free and free of adhesive-repellent substances. In order to obtain an optimum bonding result, we recommend a flash-off time of approx. 10 min.

To avoid product temperatures below +5°C, the material should be stored at room temperature for at least 8 hours at room temperature. ALUJET Allfixx does not take on any mechanical properties.

The curing time depends on the parameters bead size, humidity, temperature and absorbency of the substrate. The fresh compound can be washed off with water. Cured adhesive can only be removed mechanically.

Connection to existing building components

When used to connect to existing building components, loops must be formed in the area of the vapour barrier or vapour control layer. All bonding must be carried out without tension. Optimum adhesion is achieved after approx. 2-3 days at room temperature.

ALUJET Allfixx is applied on one side as a bead (approx. 8 mm) to the dust-free, dry and grease-free substrate.

Subsequently, the film is connected to the existing component, with a relief loop, by applying light pressure to the ALUJET Allfixx. After connection, the adhesive bead must have a thickness of at least 4 mm. This method of application is recommended for absorbent substrates. For less absorbent substrates, the ALUJET Allfixx should dry before applying the film. After some time, press the film into the dry, self-adhesive bead. Here, too, a relief loop should be used.

Fixing the ALUJET Walljet ALU (L-barrier) to a bitumen substrate:

The ALUJET Allfixx is applied to the bitumen sheeting, The application is wave-shaped. To achieve the highest possible adhesion, the ALUJET Allfixx is pulled to a width of approx. 50 mm with a notched trowel (3 mm). The Walljet ALU is then pressed directly into the fresh adhesive surface. The ALUJET Allfixx should come out slightly at the edge of the ALUJET Walljet ALU. The adhesive should not be exposed to tensile and shear forces until it sets.

Alternatively, the ALUJET Walljet ALU can be applied directly into the bead. In this case, press the sheet firmly into the bead with a squeegee until the ALUJET Allfixx emerges slightly at the edge of the ALUJET Walljet ALU.

Connection of ALUJET waterproofing membranes to masonry barrier membranes

According to DIN 18533, the waterproofing membrane must be brought up to, overlapped with or bonded to the masonry barrier membrane. When bonding the waterproofing membrane to the masonry barrier membrane, it is necessary that the masonry barrier membrane has been laid with an overlap of approx. 10 cm.

Apply the ALUJET Allfixx to the masonry barrier membrane without gaps in a bead of approx. 8 mm. Press the waterproofing membrane onto the ALUJET Allfixx bead. Depending on the material properties and ambient temperature, the setting time of the ALUJET Allfixx may take a few days.

Nail seal between counter batten and underlayment or formwork membrane

Apply the ALUJET Allfixx to the counter-batten in a bead thickness of approx. 8 mm. Now attach the counter batten with the ALUJET Allfixx to the intended position of the underlay or sarking membrane and fasten it immediately with suitable fastening material. The final, mechanical fastening takes place by nailing or screwing the counter-batten into the rafter.

Alternatively, it is possible to apply the ALUJET Allfixx to the underlay or formwork membrane in the area of the rafter and fix the counter-battening directly to the ALUJET Allfixx. The final, mechanical fastening also takes place here by nailing or screwing the counter-battening into the rafter.

The ALUJET Allfixx does not replace mechanical fastening of the counter-batten to the substrate.

Sealing the drill holes in the area of pipelines

Drill holes for the attachment of screws and fasteners are completely filled with ALUJET Allfixx. The dowel is inserted directly into the drill hole filled with ALUJET Allfixx. The inserted dowel is also filled with ALUJET Allfixx.

Position the pipe fastening (e.g.: perforated tape) and screw it into the dowel with a suitable screw. Spread the ALUJET Allfixx over the screw to increase the sealing function.

Notes: Holes must be cleaned beforehand with a joint brush or compressed air. Nozzle can be "pressed" into a drill hole from approx. 4 mm. ATTENTION: Do not cut off the nozzle.

Overlap bonding for vapour control, underlay and sarking membranes.

The membranes are installed with an overlap according to the manufacturer's installation instructions. The ALUJET Allfixx is inserted between the overlap with a bead of approx. 8 mm thickness without gaps. The overlapping film is pressed onto the ALUJET Allfixx by applying light pressure. The minimum thickness of the ALUJET Allfixx should not be less than 4 mm. Make sure that the two sheets are joined to the ALUJET Allfixx without gaps.

Notes

		Please observe the safety data sheet
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Our instructions for use, guidelines for use, product and service information and other technical specifications only serve as a guide, they only describe the properties of our products (value specifications/determinations at time of production) and services and do not constitute guaranteed characteristics. Owing to the wide-ranging areas of application of the individual products and the particular conditions (e.g. usage parameters, material properties etc.), it is incumbent on the user to test our products. Our applications engineering consulting - whether verbal, in writing or by way of tests is offered free of charge and is not legally binding.