

Fensterbankkleber SMART

High-performance adhesive for bonding aluminium window sills



AREAS OF APPLICATION

Bonding of aluminium window sills on a sealing layer.

PRODUCT PROPERTIES

- Permanently elastic behaviour with simultaneous high mechanical strength
- Free of solvents, isocyanates and silicones
- Good UV, weather and ageing resistance
- Fast curing speed
- Hybrid adhesive
- Brief skin formation
- Extremely strong initial adhesion due to high viscosity

TECHNICAL DATA

Mortar category	1K- Hybrid sealant
Density	1,5 g/cm ³ according to DIN 52 451-A
Accessories	SMART window sill SMART edge profile SMART butt connector SMART joint sealing tape ATPK sealing profile 2D joint sealing tape noise suppression tape window sill screws
Tensile strength	approx. 3,0 N/mm ² according to EN 53 504-S2
Shore hardness	approx. 55° according to DIN 53 505
Application viscosity	Stable according to EN 27390

APPLICATION INSTRUCTIONS

Substrate pre-treatment	All substrates must be stable, level, clean, dry and free of any residue, which can reduce adhesiveness.
Montage	<p>The bonding of aluminium window sills is carried out on the completed sealing layer in the area of the reveal of the insulation. To construct the sealing layer, please refer to product data sheet Window Sill SMART. The window sills are directly adhered to the sealing layer. Window sill supports, which penetrate the sealing layer, may not be used.</p> <p>The window sill adhesive is applied (wavy lines of beads) to the sealing layer in parallel lines, so that water is able to drain forwards underneath the window sill. In the process, the beads should be approx. 4 mm high and maintain a spacing of approx. 30 cm, to ensure the removal of moisture underneath the window sill. We recommend using rechargeable cartridge guns for the application of the beads.</p> <p>The window sill is placed on the damp, not yet cured beads. For this, first insert the window sill screw plate into the window groove and then, carefully press the window sill downwards onto the beads. Then, align the window sill according to the specifications and fasten using window sill screws.</p> <p>To avoid streaks of dirt, it is recommended to use cord and covering with alseccoflex MS for the lateral connection.</p>
Consumption	Dependent on the local circumstances at the place of installation. Determine the precise material requirements on the respective object.
Information about the weather	Do not use on moist substrates. There cannot be temperatures below + 5 °C or above + 40 °C during application and drying. Do not apply in direct sunlight.
Workable time	Within approx. 15 minutes at 23 °C and 50% RH.

STORAGE

Dry, cool.
Protect against sunlight and temperatures > 35°C.

PACKAGING INFORMATION

Colour	White
Packaging unit	Cartridge approx. 310 ml box 12 cartridges

OTHER INFORMATION

Please observe that when using window sill systems, which are not resistant to driving rain, it is imperative to use an additional sealing beneath the window sill.

(Here, compare: e.g. leaflet "Recommendations for the installation/replacement of metal window sills (ETICS) from the Gütegemeinschaft Wärmedämmung von Fassaden e.V.")

Information on safety	The information provided in the current safety data sheet applies.
Transportation	Not a hazardous material

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The above information is based on many years of experience and tests and is provided by us to the best of our knowledge. Such information applies in addition to our application guidelines. However, we cannot accept any responsibility for the correctness of our recommendations on account of wide variety of substrates and of on-site conditions and applications which are outside our control. Any recommendations provided by our employees and deviating from these documents must be given in writing. We reserve right to make any changes on account of technical progress or building regulations. Your technical advisor will be pleased to provide the relevant product data sheets.

