

Speed-Fix

Ready to use, one-component polyurethane adhesive foam for bonding insulation boards



AREAS OF APPLICATION

Bonding of polystyrene insulation boards in alsecco facade systems

PRODUCT PROPERTIES

- Good adhesion to most common construction materials
- Enlarged area of application due to high degree of adhesive strength
- Easy application with a low material consumption
- Short set-up times, minimal cleaning time
- Cures when in contact with humidity and moisture resistant
- Fast curing, early strength, non-ageing, rotproof
- Protection against (long exposure time) UV radiation is required
- Compact dimensions on scaffolding, in storage and during transport
- CFC, HCFC, HFC and solvent free

TECHNICAL DATA

Fire class	B2 according to DIN 4102
Adhesive pull strength	> 0,08N/mm ² on mineral substrates Suitability with other substrates must be checked in each individual case. Adhesion to PE, PP, PTFE, silicone, oils, greases and separating agents cannot be achieved.
Resistance to high and low temperatures	permanently: From approx. -40°C to +80°C short-term: From approx. -40°C to +120°C (max. 1 h)
Thermal conductivity λ	approx. 0,035W/(m K)

APPLICATION INSTRUCTIONS

Substrate pre-treatment	All substrates must be stable, level, clean, dry and free of any residue, which can reduce adhesiveness. Minor residual moisture in the substrate is permissible. Mask window sills and attachment parts. The surface temperature must be between +5°C and +35°C.
-------------------------	---

Application	<p>Prepare cleaning agent P.</p> <p>Ideal can temperature is 20°C; heat up cans, which are too cold, carefully in lukewarm water. Avoid an overheating at temperatures > 50°C; this can damage the cans.</p> <p>Have the can ready and screw open the applicator gun. Before use, shake the can vigorously approx. 20 times. Wear gloves and safety goggles. Before applying the adhesive, deactivate the lock on the applicator gun.</p> <p>When applying the adhesive, hold the gun facing straight down and apply the adhesive to the insulation board with circumferential beading close to the edge. Apply strands of the adhesive in the shape of a filling M or W onto the enclosed surface.</p> <p>Minimum adhesive surface: 40%.</p> <p>Do not place the nozzle of the applicator gun onto the insulation board. Keep a distance of 1 - 2 cm between the nozzle of the applicator gun and the insulation boards when applying the adhesive.</p> <p>Unevenness on the substrate up to 2 cm can be levelled out. Unevenness > 10 mm require an additional fixing with approved plugs.</p> <p>Immediately after applying the adhesive, press the insulation boards gently (do not bang) onto the wall and align them. Install insulation boards in offset stretcher bond formation and butt together.</p> <p>The application of tongue and groove insulation boards minimises possible subsequent expansion of the adhesive.</p> <p>The insulation boards may have to be subsequently aligned using a straightedge during the pot life of the adhesive (max. of 5 min. at 20°C and 50% relative humidity).</p> <p>During continued use of the can, repeat vigorous shaking regularly.</p> <p>Insofar as the insulation boards require anchoring, this cannot be done until the adhesive has cured, after 3h at the earliest.</p> <p>Anchoring on substrates unsuitable for bonding is carried out according to the wind load calculation and the respective ETICS approval for bonded and anchored systems.</p> <p>Please request additional information for applications in base areas and perimeters.</p>
Consumption	<p>The filling capacity (750 ml) of a can suffices for approx. 4 - 6m², depending on the properties of the substrate.</p> <p>Determine the precise material requirements by means of a trial coating on the object.</p>
Information about the weather	<p>Do not allow the air, component and material temperatures to fall below +5 °C or rise above +35 °C during application and drying.</p>
Interval	<p>Bond the insulation board covered with adhesive before skin formation within 3 minutes.</p> <p>Bonding after skin formation can lead to problems with adhesion.</p> <p>Cannot be reworked until after 2 hours at the earliest.</p>
Setting time	<p>Humid and high temperatures shorten the setting time.</p>
Cleaning of tools	<p>In a fresh state with cleaning agent P</p>

STORAGE

Shelf life in original sealed packaging of at least 12 months when kept cool, upright, protected against frost and dry.

The ideal can temperature is +20°C.

Protect against direct sunlight and temperatures >50°C.

PACKAGING INFORMATION

Colour	Silver grey
Packaging unit	Can approx. 750 ml / see current product range

OTHER INFORMATION

Information on safety	The information provided in the current safety data sheet applies.
Transportation	We are more than happy to provide you with the EC safety data sheet upon request.

alsecco GmbH
Kupferstraße 50
D-36208 Wildeck
Phone 03 69 22 / 88-0
Fax 03 69 22 / 88-330
Internet: www.alsecco.de

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.

