

Technical data sheet



AIRSTOP SOLO Adhesive Tape

To guarantee air and wind-tightness for the skin of a construction it must have the appropriate foils or panel materials providing a permanent seal at overlaps, gaps, joints and penetration points. The patented special foil can be easily torn crosswise. AIRSTOP SOLO's special coating means that it can be easily pulled from the roll. This premium design saves the effort of pulling off a liner and its subsequent disposal.

Advantages

- easily torn off
- smooth application
- promotes healthy living
- liner-free
- applied quickly
- no time wasted on disposal
- high adhesive properties

Field of application

- adhesion of vapour retarders and barriers
- joins of OSB and DWD panels indoors and outdoors
- joins and connections with wood, masonry and metal

Standards

- DIN 4108-7
- DIN 4108-11 including aging
- ÖNORM B 8110-2
- SIA 180

Available dimensions

Article number	Roll width	Roll length	Carton	Box/pallet
3ASOL060	60 mm	50 m	10 rolls	60 Boxes
3ASOL0100	100 mm	50 m	6 rolls	60 Boxes

Technical data

sd-value	35 ~ m	Material composition	Special foil, reinforcement fabric, acrylate adhesive
Temperature resistance	-40–80 °C	Working temperature	-5–40 °C
Shelf life	2 years	Colour	Beige
UV-resistance	12 months	Storage	cool and dry
UV-resistance uncovered	2 months		

AIRSTOP SOLO Adhesive Tape

Description

Longitudinal tear-resistant system adhesive tape with acrylate adhesive.

UV-Stability

Max. 6 months; for higher requirements please use the OMEGA UVKB Facade tape or AIRSTOP ULTRA Tape.

Adhesive force

AIRSTOP adhesive tapes perform the function of airtight and wind-tight sealing and not that of positive bonding. Vapour barriers and other films must always be secured by staples, laths or the like (mechanical).

Plastering over

AIRSTOP SOLO Adhesive tape cannot be plastered or painted over. Please use the AIRSTOP FLEX adhesive tape for this application.

Bonding technique

When affixing the adhesive tape, the tape must be adhered over its entire surface to the substrate. The higher the contact pressure, the better the adhesion (AIRSTOP RAK Plastic Squeegee). It is possible without problem to adhere the tape over itself or to adhere it crosswise. We recommend the AIRSTOP SPRINT Sealant or AIRSTOP DIMAROLL for plastered surfaces or very rough wood. The materials to be processed must be free of dust and grease, in addition to which the substrates must be dry and capable of bearing loads. In the case of doubt we recommend the pre-treatment of the substrate. (UNI Primer or BUBI LF Adhesive Primer). Creation of an adhesion bridge between two tapes on flat surfaces (e.g. longitudinal gluing): To enhance the adhesive bonding, slightly roughen the surface of the already applied AIRSTOP SOLO tape. Remove then the sanding dust. Then apply the second tape onto the pretreated area with contact pressure.

Bonding at very low temperatures

AIRSTOP adhesive tapes are suitable for bonding from approx. -5 °C. Note please that surface condensate can result at lower temperatures even in the case of minimal changes in temperature. This acts like a separating layer and decreases the adhesion. Hot-stored tapes provide noticeably improved initial adhesion. (fan heaters, insulated containers)

Adheres to the following substrates

Wood, wood-based panels (OSB, MDF, 3S-panels etc.), brick, plastics (smooth surface, free of silicones and waxes), metals free of oxides and rust etc. Observe the system suggestions in accordance with our price list. After the attachment of the AIRSTOP SOLO adhesive tape a so-called 'cross-linking process' takes place. This takes about 6 - 24 hours, depending on the temperature. Only then is the full adhesion attained. At very low temperatures, the process can be optimised with the help of UNI Spray Primer.

Storage

Cool and dry in a closed cardboard box; do not stack rollers on top of one another without release paper in between.

Disposal

Release paper and adhesive tape - domestic waste, waste tip

Guarantee

The acrylate adhesive employed does not contain any additives that cause the adhesive layer to become brittle and is therefore extremely resistant to aging.

