Technical data sheet

AIRSTOP SPRINT Sealant

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. AIRSTOP SPRINT Sealant is an adhesive sealing compound for a permanently elastic airtight seal at gaps, joints of building components and butt-joint overlaps in drylining (with the exception of swimming pool environments)

ADVANTAGES

- high initial adhesive properties of freshly attached foils
- adhesion to a broad spectrum (wood, stone, concrete, plaster, various metals)
- resistance to freezing to –30°C and workable from –5°C
- no priming required
- separated joints can be re-joined due to the self-adhesive
- properties
- fast functioning solidity of foils
- no clamping batten needed for installation
- no dripping

FIELD OF APPLICATION

- for seals at overlaps, connections and penetration points of membranes or boarding

STANDARDS

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

AVAILABLE DIMENSIONS

Article number	Packing unit	Colour	Content - ml	Carton content
3SPRINT310	Cartridge	beige	310 ml	20 pieces
3SPRINT600	foil pack	beige	600 ml	20 pieces

TECHNICAL DATA

Material composition	Modified acrylate polymer dispersions	**Temperature resistance**	-30–60 °C
Working temperature	-5–35 °C	**Film characteristics permanently**	permanently elastic, self-adhesive
Colour	Beige	**Density - g/cm³**	1.17 g/cm³
Curing Time	2 days (depending on absorbency of material)	**Storage**	12 months, in unopened original packaging, dry, without sunlight

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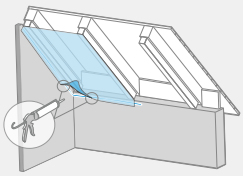
PROCESSING GUIDELINE

AIRSTOP SPRINT Sealant

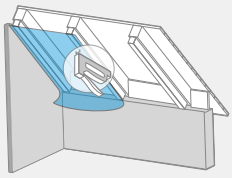
DESCRIPTION

Permanently elastic, self-adhesive acrylic polymer dispersion.



ADHESIVE PURPOSE

AIRSTOP SPRINT Sealant has the function of a seal, not of a permanent join. Vapour barriers and other membranes must always be secured using tacks, battens etc. (mechanically).



METHOD OF ADHESION

Depending on the unevenness of the substrate apply as an uninterrupted 4-8 mm bead to the dry surface, free from dust and grease of the vapour retarder/barrier or the material. The membrane is then folded back to decrease stress when pulling and fixed by applying slight pressure. (Do not press the bead flat, > 1 mm thickness should remain). Do not apply tension before the adhesive is completely dry. The building material must be sufficiently absorbent to guarantee curing, allowing the sealant to be functional. Should there be increased dampness in the construction material before the adhesive is cured, appropriate measures should be taken in particular cases (e.g. warming, pre-drying of the adhesive surface/the adhesive). Sufficient ventilation indoors must be provided in order to avoid any extra formation of condensation that affects the curing of the adhesive. For adhesion on non-absorbent substrates such as concrete beams, metal covering, ceramic tiles or materials with increased material dampness, procedure for contact adhesive must be carried out. This involves the application of the sealant onto the relevant building material and the membrane. After a partial drying time (16-20h) the membrane is attached by the contact adhesive process. We wish to point out that when vapour diffusion permeable membranes are used the building material must also fulfil the parameters stated. Due to the self-adhesive elastic properties of the adhesive, bonds that have become detached can be re-joined. When gluing outdoor care must be taken to completely avoid any intense stress through dampness e.g. continuous rainfall, draining dampness. Permanently increased humidity e.g. swimming pools or other wet units should be avoided. Similarly, appropriate measures must also be taken to avoid the influence of permanent dampness on the cured adhesive sealant. Dry and dust-free material surfaces must be provided to ensure an optimum adhesion on the construction material.

REMOVING THE SEALANT

wet: clean with water; when fully cured: soak a cloth with adhesive cleaner, apply and allow to soak in. Subsequently the sealant can be wiped off.

DISPOSAL

Do not dispose of in household waste. Do not empty into drains.

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