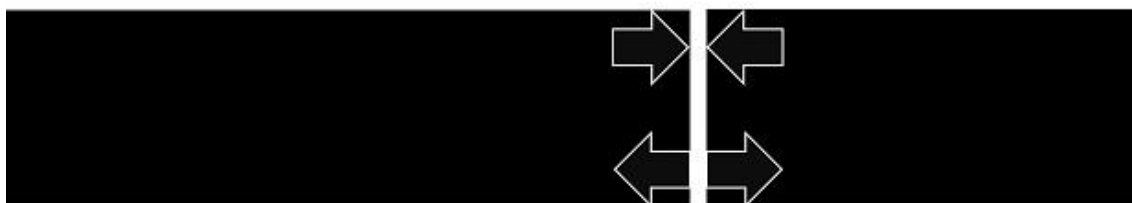


Elastic longitudinal joint sealing strip STROXX ELASTIC JOINT 2000/9 active



60 mm



Purpose

A strip made of elastic material designed for sealing longitudinal joints of EPS thermal profiles and sealing the outer and inner sides of window and door installation seams.

- Width 60 mm.
- Other widths are available upon request
- Roll length 50 meters
- One side of the strip is adhesive across its entire width

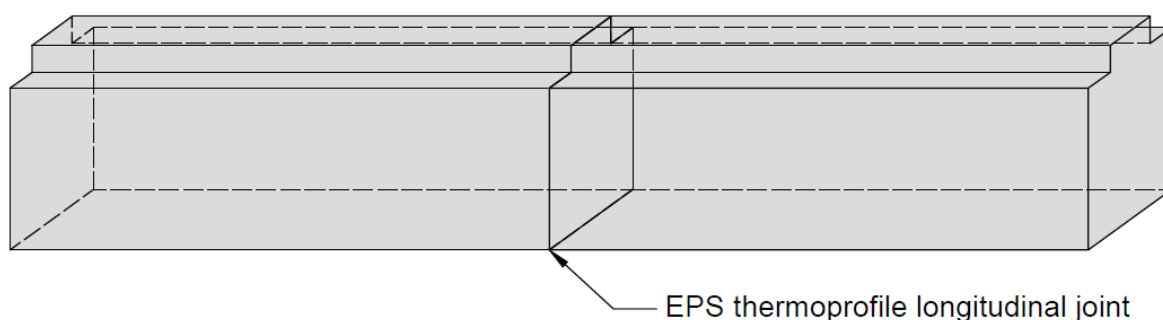
Technical characteristics

Characteristics	Norm	Description / Classification
Material, color		Synthetic material, color BLACK
Class of building materials	EN13984:2013	Water-resistant elastic material
Water resistance	EN 1928	2000 Pa
Air permeability	EN 1026	$a \approx 0 \text{ m}^3 / [\text{h} \cdot \text{m} \cdot (\text{daPa})^n]$
Moisture permeability	EN 12572	SD value varying with humidity: 0,5–25 m
Resistance to UV		9 months
Flammability class	EN 13501-1	F
Installation temperature		-5°C up to 30 °C
Storage temperature		18°C up to 25°C
Storage time		1 year

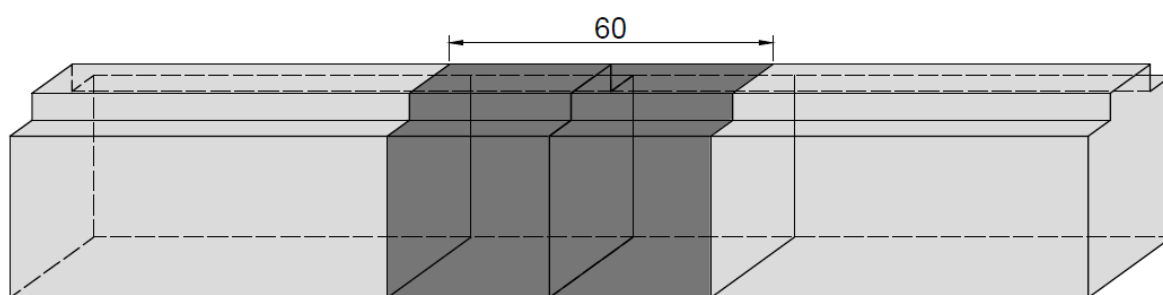
Usage

1. Sealing of the perimeter of the longitudinal joints of EPS sub-pane and plinth thermoprofiles *:

Example:



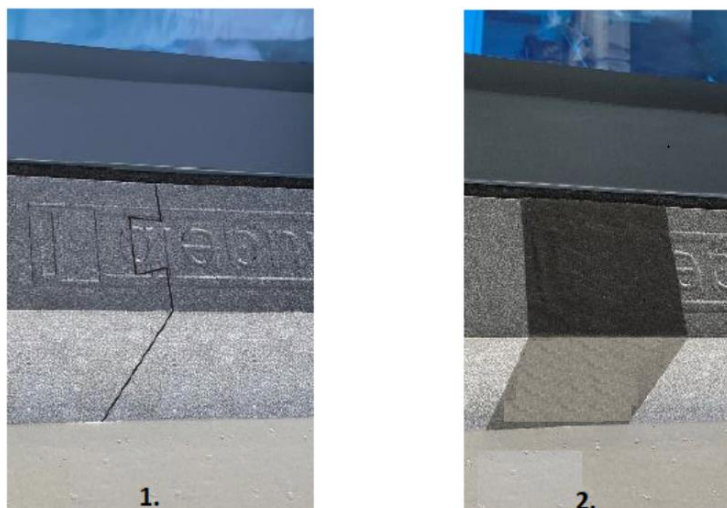
EPS thermoprofile longitudinal joint



EPS thermoprofile longitudinal joint perimeter sealing with elastic sealing tape STROXX ELASTIC JOINT 2000/9 active

* Unless the elements are permanently exposed to water or installed underground. In this case, use the Blaugelb FLK sealing system or the Blaugelb Allwetterfolie bituminous tape.

2. Sealing of longitudinal joints of EPS thermoprofiles for window installation:



Additional sealing of joints of EPS profiles - with stretching windows foil

Sealing recommendations

	Construction material on which EPS thermoprofiles are attached			
	Concrete	Silicate bricks, blocks	Ceramic bricks, blocks	Porous concrete PP2, PP4
Longitudinal joint sealing with glue-sealant Blaugelb POWER FIX	YES	YES	YES	IS NOT NECESSARY
Longitudinal joint sealing with sealing tape STROXX ELASTIC JOINT 2000/9 active	** According to the circumstances	** According to the circumstances	** According to the circumstances	YES

** It is recommended to use in the following cases:

- When there is a high probability that the surfaces will be strongly exposed to direct sunlight and/or there will be potentially large changes in air temperature during the period from the installation of EPS thermoprofiles to the facade insulation and finishing works.
- When it is expected that there will be a longer period of time between the installation of EPS thermoprofiles and the facade insulation and finishing works (> 1 month). Sealing can be done during thermal profile installation (considering that the UV resistance of STROXX ELASTIC JOINT tape is 9 months) or before starting facade insulation works.

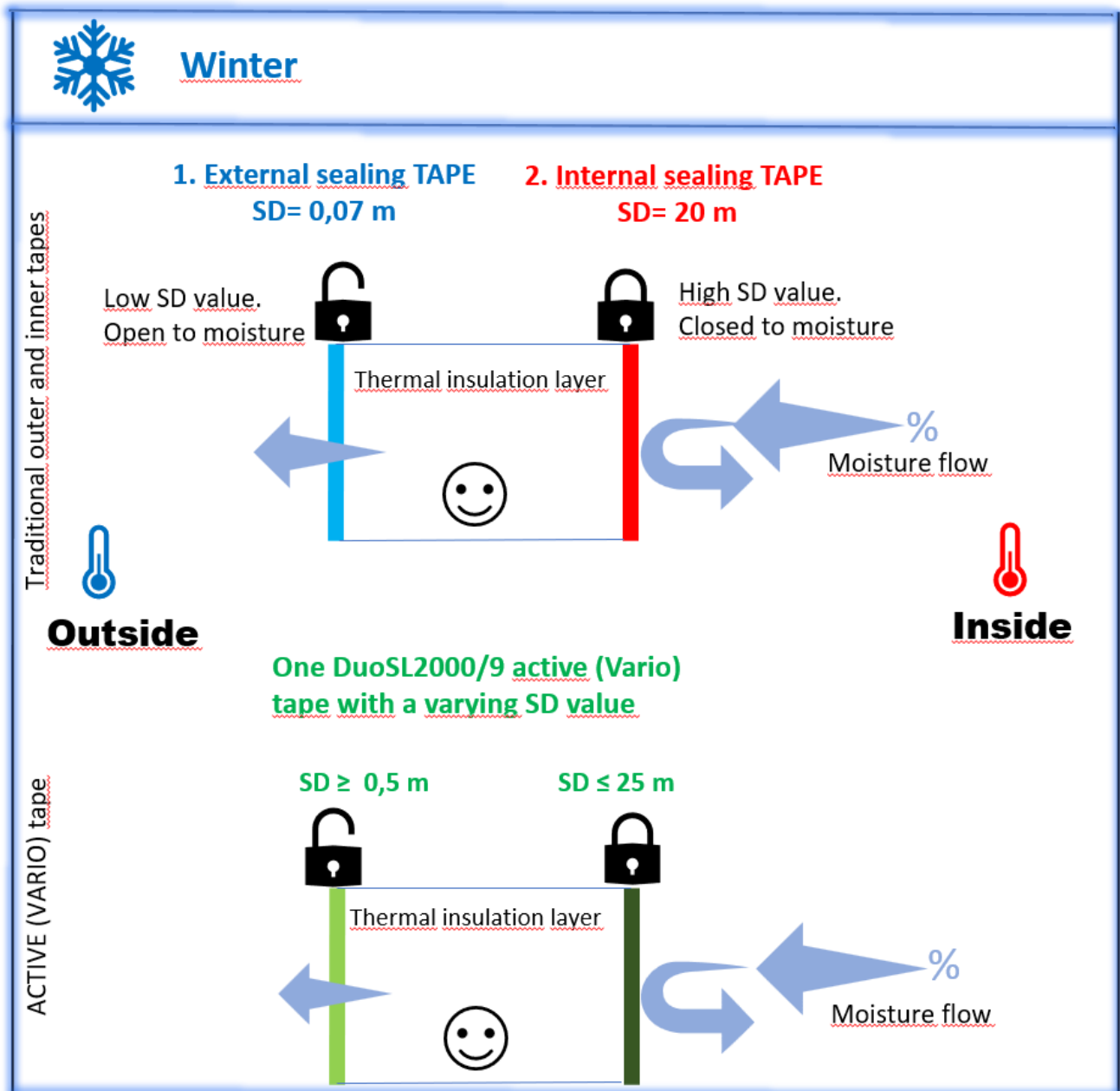
Gluing recommendations

The surface to be glued must be clean, dust-free and grease-free. Use roller art GB-9074068 for better adhesion and press properly for best adhesion. Always use primer BlauGelb Spruhprimer, art GB-9066539, for dusty or fragile surfaces. Do not stick on a wet surface.

Comparison of standard (external and internal) and active (Vario) window sealing strips

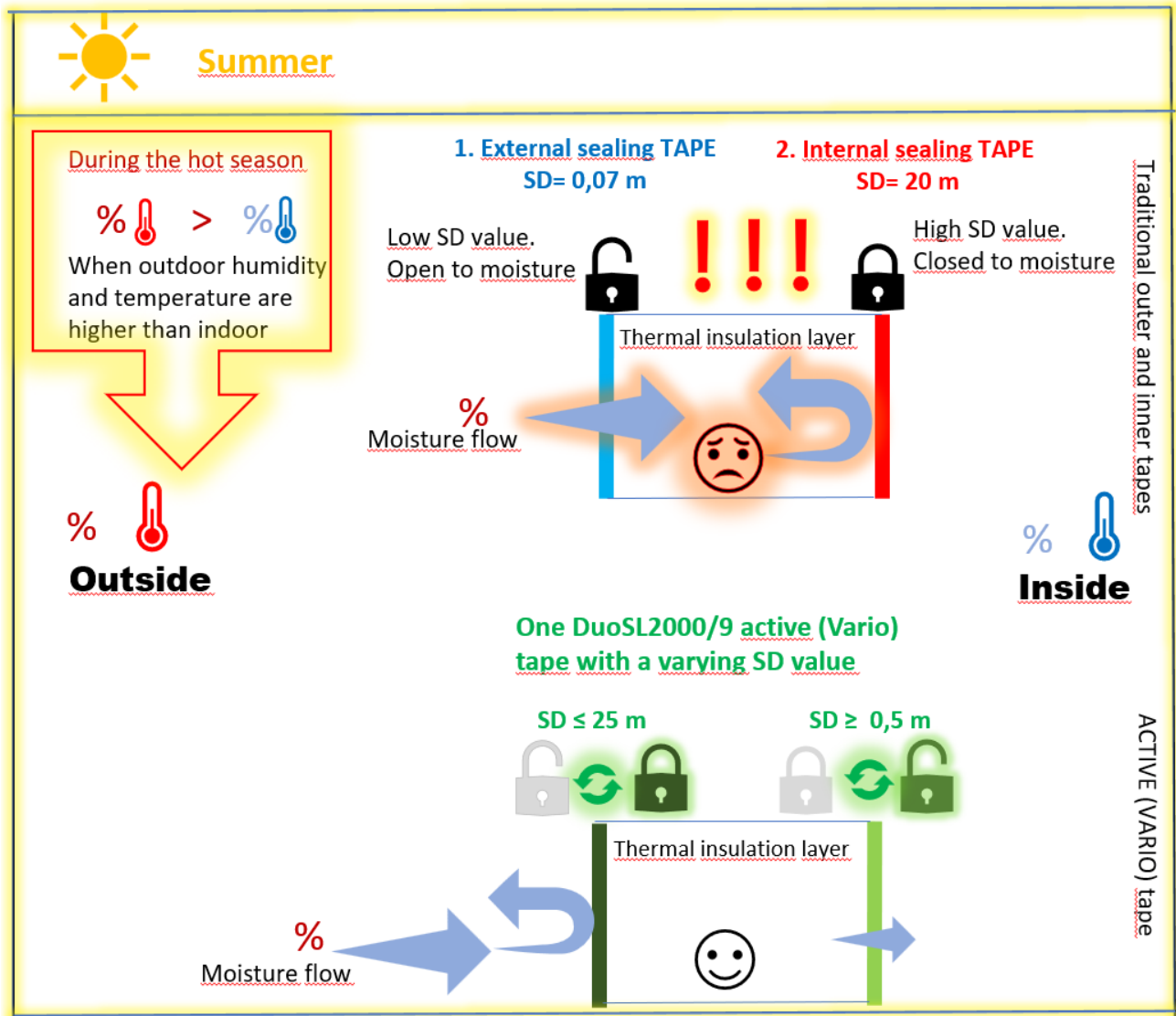


1. Moisture reduces the effectiveness of thermal insulation and causes mold, so it is necessary to ensure that the thermal insulation layer is as dry as possible.
2. Moisture flow is always directed from a **higher temperature zone to a lower temperature zone**.



In winter, both traditional (external and internal) window-sealing tapes and active window-sealing tapes perform moisture-sealing functions in the same way.

During the summer, conditions can arise when the outside temperature and humidity are higher than the inside, and the moisture flow changes direction, so active sealing tapes work more effectively, as they protect the thermal insulation layer from moisture accumulation.



Question: What happens to the possible residual moisture that enters the interior finishing materials from the thermal insulation layer (plaster, plasterboard, etc.) Are the wall and interior finishing materials open to vapour diffusion? Answer - Yes!

For example: the SD value of 1 cm plasterboard is 0.1 m, and the SD value of 5 cm plasterboard is 0.5 m.

SD value of 15 cm brick is 0.75 m, SD value of 2 cm plaster is 0.3 m

The SD values of the internal finishing materials are close to the SD value of the ACTIVE (Vario) sealing tape when it is in the "moisture-exposed state" $SD \geq 0.5 \text{ m}$, so the finishing materials let moisture through, and the thermal insulation layer remains "breathable", i.e. does not accumulate moisture.