



Technical data sheet



TIMBERFLEX 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. TIMBERFLEX Adhesive Tape is slightly expandable, tear-resistant, can be plastered over and painted over, has adhesive generously applied and is suitable for a variety of bonding applications.



Advantages

- slightly expandable
- tear-resistant
- can be plastered over and painted over
- strong adhesion

Field of application

- adhesion of vapour retarders and airtight layers
- joints of OSB and DWD (wood fibre board) panels, indoors and outdoors
- joints and connections with wood, OSB, metal...
- masking cut surface of solid wood boards

Standards

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

Available dimensions

Article number	Roll width	Roll length	Split liner	Carton
3FLEXB60	60 mm	25 m	-	8 rolls
3FLEXB100	100 mm	25 m	50 / 50	6 rolls
3FLEXB150	150 mm	25 m	75 / 75	4 rolls
3FLEXB200	200 mm	25 m	100 / 100	2 rolls
3FLEXB300	300 mm	25 m	150 / 150	2 rolls

Technical data

Material composition	Slightly expandable synthetic base material, laminated airtight, acrylate adhesive	Thickness	0.6 mm
Temperature resistance	-40-100 °C	Working temperature	-5-40 °C
Shelf life	2 years	Colour	Beige
Age resistance	30 years	Storage	cool and dry
Outdoor exposure	6 months		

TIMBERFLEX Adhesive Tape

Description

Tear resistant system adhesive tapes with acrylate adhesive.



Adhesive force

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).

Can be plastered over

The TIMBERFLEX Adhesive Tape can be plastered over and painted over.

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 ROLL Pressing Roller, 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).

Bonding at very low temperatures

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.

Bonding time

After the attachment of the 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.

Removal of the adhesive tape

Warm up the adhesive tape with a hair dryer and pull slowly on the adhesive tape. Remove the last residues with AIRSTOP ADC adhesive cleaner. Caution: do not rub for too long in one place on sensitive substrates. If necessary, wait 5 - 15 minutes and spray AIRSTOP ADC adhesive cleaner on once again and wipe it off.

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.