

1 PAVATEX ADB

Vapour-open roofing underlay membrane with two-way integrated self-adhesive strips



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PAVATEX ADB is exclusively used on PAVATEX boards (ISOLAIR L/ISOROOF-NATUR or PAVATHERM-PLUS insulation boards) as well as with PAVATEX over-rafter insulation systems on PAVATHERM and PAVATHERM-FORTE.

Certifications per Regulations and Standards¹⁾

- Under-roof for heightened mechanical strains acc. SIA 232
- Undercover UDB-A (classes 3, 4, and 5) acc. ZVDH
- Suitable as auxiliary cover acc. ZVDH

¹⁾ Please note local conditions as shown in national regulations and standards within the technical documents.

The longitudinal joints are fixed using the two-way integrated self-adhesive strips. The adhesion of transverse joints is done with PAVATAPE 20. Screw- and nail-sealing is carried out with PAVAFIX SN BAND. Connections and penetrations are carried out using PAVATEX taping products.

PAVATEX ADB can be freely exposed for three months if mechanically secured.



Technical specifications

Material	Three-coat polypropylene compound
Thickness	0.62 mm
Diffusion resistance μ	55
s_d -value	0.03 m
Weight	180 g/m ² ($\pm 10\%$)
Water resistance	W1
Temperature resistance	-40° bis +80° C
Minimum processing temperature	$\pm 0^\circ$ C
Fire properties	DIN EN 13501-1 E
Extension	long. 50 (± 8) % trans. 40 (± 8) %
Maximum tensile force	long. 270 (± 25) N/5cm trans. 220 (± 25) N/5cm
Nail tear strength	long. 170 (± 30) N trans. 170 (± 30) N
CE	EN 13859-1



Advantages:

- Two-way integrated self-adhesive strips
- Can also be used as breathable membrane in the roof overhang
- Wind-proof, water-tight and resistant to driving rain
- Can be exposed to weather for 3 months
- New marking that serves as cutting aid

Delivery form

Roll width	1.50 / 2.80 m
Roll length	50 m / 25 m
Roll area	75 m ² / 70 m ²
Roll weight	14 kg / 13 kg

Storage

Rolls to be stored lying or standing in a dry place that is protected against exposure to the sun and moisture

Systems for insulation and airtightness

Breathable insulation coupled with air and wind tight construction – an aim that is possible thanks to the new PAVATEX insulating systems. These systems combine the advantages of an air and wind tight building shell with those of sustainable wood fibre insulation.



High-performance external wall insulation systems: PAVATEX DIFFUTHERM

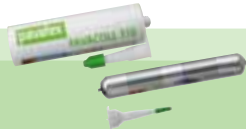
Reliable air and wind tightness: PAVATAPE FLEX adhesive tape for sealing joints

Efficient refurbishment solution: PAVATEX LDB 0.02 airtightness membrane, PAVATHERM PLUS



1 System products and installation instructions for PAVATEX ADB connections

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PAVACOLL 310/600
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PAVATAPE 75/150
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PAVATAPE 20
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Guidelines for professional installation:

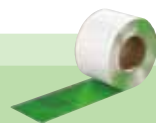
The installation of all system components is carried out according to the details stated in the technical documents. Membranes must be loosely laid and/or overlapped. Avoid risk of stretching or tension by mechanical fixing.

Fixing longitudinal joints using the two-way integrated self-adhesive tapes.

- ① Roll out the first membrane across the top of the rafter and fix it in the overlapping area.
- ② Roll out the second membrane and align it with the overlapping line (10 cm from the membrane seam) avoiding wrinkles.
- ③ Simultaneously remove both protective foils and firmly press on firmly the overlap by hand. This results in an air- and water-tight adhesive zone of 40mm. Avoid wrinkle formation. If necessary, additionally tape creases with PAVATAPE 75/150.

Gluing of transverse joints with PAVATAPE 20

- ④ ⑤ Apply tape approx. 50 mm from the membrane seam and press on firmly with roller. Overlap next membrane by 10 cm and align. Remove protective foil from PAVATAPE 20. Press on firmly using pressure roller.
Area of trans./long. joint: Firmly fix the connection and check.



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Connect pipe penetration in an air- and water-tight manner with PAVATAPE FLEX / PAVATAPE 150

- ⑥ ⑦ Minimum connection height per Regulations and Standards. Unroll tape, remove backing paper, apply evenly and press on by hand. Ensure that PAVATAPE FLEX is not overstretched. On porous surfaces, it is advisable to apply PAVAPRIM or PAVABASE as a substrate pretreatment.

Avoiding back flow at eaves / gutter junction

- ⑧ Cut back PAVATEX ADB 30 mm behind the front sheet edge. Degrease and clean gutter area. Stick two PAVATAPE 20 onto eaves / gutter junction: First tape 30 mm, second tape 100 mm behind the gutter lip. Remove protective foil of the back tape. Put membrane to the front and roll on firmly. Repeat this operation with the front lining.

Screw- and nail-sealing with PAVAFIX SN BAND

- Counter-battens are subject to cyclic changes between wet and dry. Thus, to ensure a better sealing effect, screw fixing of counter-battens is preferred to nailing. If necessary, counter-battens need to be predrilled.
- ⑨ ⑩ Glue PAVAFIX SN BAND directly onto ADB or counter-batten. Thereafter fix the counter-battens. Please note national requirements for fixing counter-battens.

