



Tender text: Ampatex LDA 0.02 plus
Exterior airtight layer for exterior roof renovation

Item	Description
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- 1 General
Ampatex LDA 0.02 plus is used in conjunction with Ampacoll system adhesive technology as an airtight layer for roof renovations undertaken from the outside, with existing insulation in between rafters remaining in place, and is deployed in situations where the interior surfaces in rooms are not airtight.

Technical details:

Roll size:	1.5 m x 50 m double-sided integrated tapes
s _D -value:	0.02 m
Weight:	175 g/m ²
Resistance against water ingress:	W1
Natural weathering period:	1 week (mechanically fixed)
Fire behaviour:	E, EN 13501-1
CE marking:	EN 13984:2013

- 2 Note re. insulation: check the condition of existing insulation between rafters. Close up any rafter vent holes. Spaces between rafters must be fully insulated without gaps.

- 3 Supply and fit airtight layer, Ampatex LDA 0.02 plus, on existing support structure, formwork or cavity insulation, parallel to the eaves.

Overlap by 10 cm; secure invisibly in overlap area with staples (wide-head nails) and stick down using the integrated adhesive strip to achieve airtightness. The lowest membrane is placed over the inlet sheet and the highest membrane is pulled over the ridge.

Also overlap transverse joints by 10 cm and affix with Ampacoll XT, 60 mm, or Ampacoll Superfix to achieve airtightness.
Rub down adhered areas thoroughly.

Roof pitch:.....
(Minimum roof slope 10°)

Roof shape:.....

Quantity.....m ²	Unit price.....	Total price.....
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- 3 Sealing work (supplementary to item 2)

- 3.1 Edge joins
Joins at inlet plates must be fixed with Ampacoll Superfix.

Quantity.....m	Unit price.....	Total price.....
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Particular attention should be paid to the joins with the airtight layer on the eaves and gable side. The layer must be attached to the underlying building components in such a way that ensures airtightness.

3.2

Penetrations

An airtight join around penetrations such as outlet vents, chimneys etc. is achieved using the butyl rubber strip Ampacoll BK 535, 50 mm or 80 mm.

Alternative option: Ampacoll Superfix

Quantity.....m	Unit price.....	Total price.....
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3.3

Total edge length < 50 cm

Quantity.....pieces	Unit price.....	Total price.....
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3.4

Total edge length > 50 cm to 100 cm

Quantity.....pieces	Unit price.....	Total price.....
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3.5

Total length: >100 cm to 200 cm

(Penetrations with a total edge length of more than 200 cm count as edging and are listed under the relevant section)

Quantity.....pieces	Unit price.....	Total price.....
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3.6

An airtight join around skylights or other larger penetration areas is achieved using strips of Ampatex LDA 0.02 plus with double-sided butyl adhesive tape BK 530, 2 x 20 mm.

Alternative option: Ampacoll Superfix.

Quantity.....pieces	Unit price.....	Total price.....
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4.

Preparation of unsuitable surfaces (supplementary to item 3)

In the case of joins and areas to which the airtight layer is to be fixed where the subsurface is porous, dusty or rough, such as masonry, concrete, untreated wood etc. should be pre-coated with Ampacoll Primax or Airmax.

The over-insulation should be fitted straight after laying the Ampatex LDA 0.02 plus, in order to prevent build up of condensation. Rule of thumb for thickness of over-insulation: The over-insulation should make up one third of the total insulation thickness. Take account here of national thermal technology standards as well as information provided by the manufacturer of the insulating material.

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Sources and documentation

Please refer to the product inserts for all product specifications and advice on use.

Further information and sources:

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Note

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