



**Tendering text: Sisalex 518**  
**Vapour and moisture barrier**

Position	Specifications
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1 General  
 A moisture barrier is always an airtight layer too. All joints, gaps, overlaps, connections and openings must be airtight. Damage to the surface and unavoidable openings are to be sealed.

Technical specifications:  
 Roll dimensions: 1.5 m x 50 m  
 s<sub>D</sub> value: >1,500 m  
 Weight: 175 g/m<sup>2</sup>  
 Fire performance: E  
 CE marking: EN13984:2013

2 Delivery and application of Sisalex 518 on existing underlying structure. As a moisture barrier the membrane is applied on the cold side, as thermal insulation on the warm side. Printed aluminium/PE side facing the room. Overlap of 10 cm. Tacks or nails to be covered by the overlapping ends. Overlaps covered by Ampacoll BK 530 1 x 15 mm, butyl rubber strip, airtight adhesive seal (sealing function). We recommend the use of Ampacoll INT or Ampacoll XT as additional security in heavy-duty construction areas. We highly recommend double bonding in rooms subject to permanent moisture.

Quantity.....m<sup>2</sup>                      Unit price.....                      Total price.....

2.1 Mechanical securing of the overlapping joints with adhesive tape Ampacoll INT or Ampacoll XT as additional security.

3 Substructure  
 Creation or completion of the substructure in parts where a moisture/vapour barrier cannot be attached directly to the existing structure.

Quantity.....m<sup>2</sup>                      Unit price.....                      Total price.....

4 Edge connections

4.1 Seal connections airtight to adjoining parts with smooth, dust-free surfaces (planed wood, plastic profiles, metal, etc.) with Ampacoll BK 530, 1 x 15 mm.

Alternative: Application of Ampacoll RA edge adhesive. In high-moisture rooms we recommend the use of Ampacoll Superfix.

4.2 Seal connections airtight to adjoining parts with porous and coarse surfaces (brick walls, concrete walls, rough wood, etc.) with Ampacoll BK 530, 2 x 20 mm.

Prime porous, dusty, or rough surfaces with Ampacoll Primax or Airmax.

Alternative: Application of Ampacoll RA edge adhesive. In high-moisture rooms we recommend the use of Ampacoll Superfix.

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

5 Breakthroughs  
Seal breakthrough connections at ventilation or electrical conduits, purlins, rafters, etc. airtight with butyl rubber tape Ampacoll BK 535, 2 x 50 mm or 2 x 80 mm. Prime porous, dusty or rough surfaces with Ampacoll Primax or Airmax.

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

5.1 Unwinding < 50 cm

Quantity.....piece                      Unit price.....                      Total price.....

5.2 Unwinding > 50 cm to 100 cm

Quantity.....piece                      Unit price.....                      Total price.....

5.3 Unwinding > 100 cm to 200 cm  
(Openings with unwinding of more than 200 cm are considered edge connections and are listed there.)

Quantity.....piece                      Unit price.....                      Total price.....

6 Installation layer  
Delivery and mounting of a lath floor as installation layer also serves to mechanically secure edge connections and overlaps.

Quantity.....m<sup>2</sup>                      Unit price.....                      Total price.....

7 Supplier and documentation  
All product data and handling instructions can be obtained from the technical documentation of the Ampack company.

Additional information and suppliers:

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## **Note**

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