



Isover SP AL

Single-sided adhesive tape made of aluminium foil

TECHNICAL SPECIFICATION

Single-sided adhesive tape made of aluminium foil for airtight and vapour-tight joining and repair of moisture barriers, as well as for re-bonding of anchoring elements and repair of minor damages. System product for Isover R150 moisture barrier.



APPLICATION

Isover SP AL is a single-sided self-adhesive tape made of aluminium foil with a synthetic rubber adhesive layer without fittings.

The tape can be used for airtight and vapour-tight joining of individual strips of Isover R150 film. This tape consists of aluminium foil and synthetic rubber and not only enables the connection of vapour barrier films, but also ensures a perfect seal against the penetration of water vapour. Joining of individual strips of reflective foil in this way is absolutely essential for the correct function of the vapour barrier and is also visually neutral. At the same time, this tape solves re-gluing of the vapour barrier anchoring elements (e.g. staples of the stapler) and repair of minor vapour barrier damage. The Isover SP AL tape cannot be used to connect the foils to the building structures. Isover Vario® Double Fit+ sealant can be used for this purpose. Always consult the manufacturer for this use.

The adhesive layer of the tape does not impair the structure of the vapour barrier film, nor does it secure the joint against the penetration of pressurised water. The tape is not suitable for bonding to unplanned wood or masonry and is not intended for bonding vapour barriers.

BENEFITS

- Airtight and vapour-tight bonding of Isover R150 foil.
- Ensures perfect tightness of these joints.
- Does not impair the structure of the vapour barrier film.
- System product.

ASSEMBLY

Isover SP AL is a single-sided adhesive tape. It is affixed over the edge of the foil so that the two strips of foil are joined. Before application, the covering layer is gradually removed from the underside of the tape and the tape is affixed to the film directly from the roll. The tape should not be used in a situation where, for example, anhydrite screeds, self-levelling materials, etc., are maturing in the room, i.e., when there is increased humidity in the room caused by temporary construction processes.

PACKAGING, TRANSPORT, WAREHOUSING

The tape is packed in boxes of 24 rolls. The product should not be mechanically damaged during transport. Storage in a dry and dark place is recommended.

DIMENSIONS AND PACKAGING

Total thickness [mm]	Length per roll [m]	Width [mm]	Packing in boxboard [rolls]
0.08	50	48	24 (1 200 m)

TECHNICAL PARAMETERS

Parameter	Value
Colour	silver
Adhesive layer	synthetic modified rubber
Reflective layer	modified rubber
Diffusion resistance coefficient μ	732 823
Equivalent diffusion thickness s_d	58.62 m
Permeability for water vapour	0.1 g/m ² /day
UV stability	very good
Temperature resistance	-40°C to +65°C
Application temperature	+5°C to +40°C
Shelf life	1 year at 20°C

16/5/2025 The information provided herein is valid at the time of publication. The manufacturer reserves the right to change the data.