

PRODUCT DATA SHEET (ver.05/02.2018)**1. Name**

Capricorn edge insulation strip LDPE

2. Product specification and application

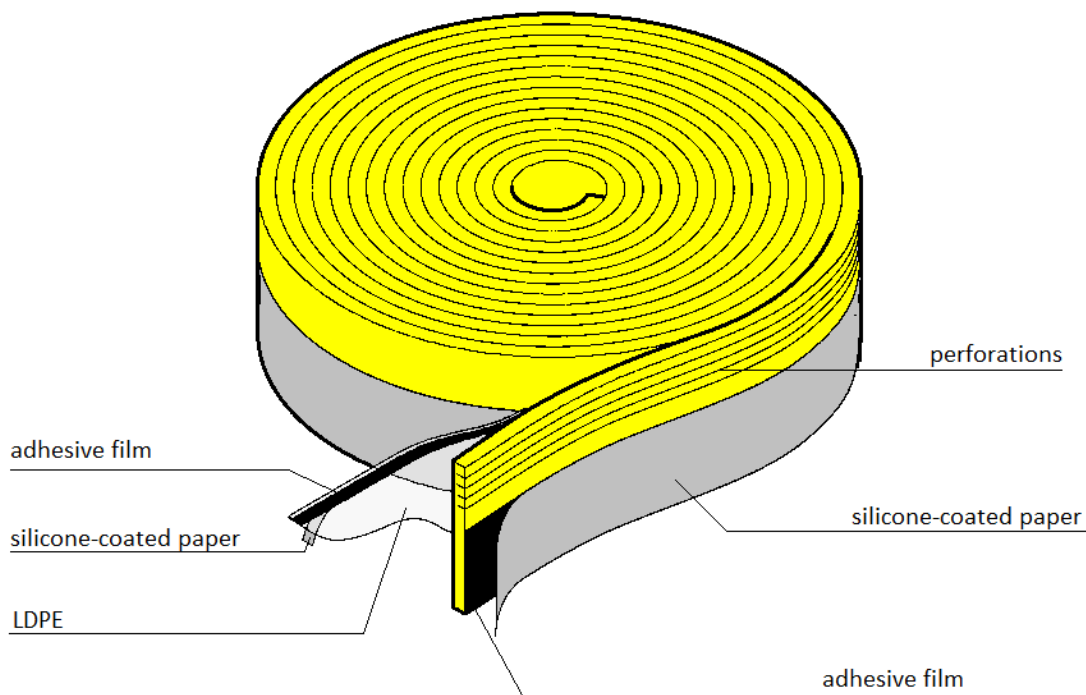
Capricorn edge insulation strips are essential for any water underfloor heating system. They are designed to provide a separation layer between the wall and screed floor layer in floating floors suited with underfloor heating system (especially with "wet" underfloor heating systems). **Capricorn** edge insulation strips can be applied both in single- and multi-family housing, public utility and general purpose buildings.

Capricorn edge insulation strips are made of low density polyethylene (LDPE), 13 or 15 cm high and 25 or 50 linear metres long. **Capricorn** edge insulation strips are ready perimeter insulation strips that provide an expansion gap between the floating floor and the wall, recommended especially when installing a "wet" underfloor heating system. Thanks to five horizontal perforations every 1 cm from the top edge of the tape, the height of the edge insulation strip can be adjusted by precisely trimming away the excess of the strip protruding over the floor surface. **Capricorn** edge insulation strip comes with a sealing polyethylene overlap that successfully covers the junction of the vertical thermal insulation layer (edge insulation strip) and the horizontal thermal insulation layer. **Capricorn** edge insulation strips have a 1 cm wide layer of adhesive, covered with a strip of silicone-coated paper. The purpose of the adhesive film is to facilitate the process of fixing the edge insulation strip to the wall when installing a floating floor.

* The nominal thickness of edge strip is 8 mm - because of material properties and production processes there are acceptable thickness within a tolerance of 6.5 mm to 8.5 mm. For similar reasons, length of edge strip have tolerance of +/- 0.5 %

The edge insulation strips come in the following varieties:

- with perforations, 130 mm high,
- with perforations, 150 mm high,
- with perforations and a sealing overlap, 130 mm high,
- with perforations and a sealing overlap, 150 mm high,
- with a 3 cm wide adhesive film, 130 mm high,
- with a 3 cm wide adhesive film and perforations, 150 mm high,
- with a 3 cm wide adhesive film, perforations and a sealing overlap, 130 mm high,
- with a 3 cm wide adhesive film, perforations and a sealing overlap, 150 mm high,
- with an 8 cm wide adhesive film, perforations and a sealing overlap, 130 mm high,
- with a 10 cm wide adhesive film, perforations and a sealing overlap, 150 mm high.



3. Technical data

Element	Material	Parameter
Edge strip	LDPE	density 25kg/m ³
Foil (overlap)	PE	-
Thickness	-	8mm tolerance: (6,5 – 8,5mm)
Lenght	-	25m, 50m length tolerance +/- 0,5%
Colour	-	yellow/blue

4. Product Codes

Code	Glue coat [mm]	Type
9-1601-130-27-00-0X	-	CAPRICORN EDGE INSULATION STRIP WITH PERFORATIONS , 8x130mm, 25m
9-1601-130-57-00-0X	-	CAPRICORN EDGE INSULATION STRIP WITH PERFORATIONS , 8x130mm, 50m
9-1601-150-27-00-0X	-	CAPRICORN EDGE INSULATION STRIP WITH PERFORATIONS , 8x150mm, 25m
9-1601-150-57-00-0X	-	CAPRICORN EDGE INSULATION STRIP WITH PERFORATIONS , 8x150mm, 50m
9-1601-130-28-00-0X	-	CAPRICORN EDGE INSULATION STRIP WITH PERFORATIONS AND A SEALING OVERLAP , 8x130mm, 25m
9-1601-130-58-00-0X	-	CAPRICORN EDGE INSULATION STRIP WITH PERFORATIONS AND A SEALING OVERLAP , 8x130mm, 50m
9-1601-150-28-00-0X	-	CAPRICORN EDGE INSULATION STRIP WITH PERFORATIONS AND A SEALING OVERLAP , 8x150mm, 25m
9-1601-150-58-00-0X	-	CAPRICORN EDGE INSULATION STRIP WITH PERFORATIONS AND A SEALING OVERLAP , 8x150mm, 50m
9-1604-130-29-00-0X	3	CAPRICORN EDGE INSULATION STRIP WITH PERFORATIONS AND A 3CM ADHESIVE FILM , 8x130mm, 25m
9-1604-130-59-00-0X	3	CAPRICORN EDGE INSULATION STRIP WITH PERFORATIONS AND A 3CM ADHESIVE FILM , 8x130mm, 50m
9-1604-150-29-00-0X	3	CAPRICORN EDGE INSULATION STRIP WITH PERFORATIONS AND A 3CM ADHESIVE FILM , 8x150mm, 25m
9-1604-150-59-00-0X	3	CAPRICORN EDGE INSULATION STRIP WITH PERFORATIONS AND A 3CM ADHESIVE FILM , 8x150mm, 50m
9-1607-130-28-00-0X	3	CAPRICORN ADHESIVE EDGE INSULATION STRIP WITH PERFORATIONS AND A SEALING OVERLAP , 8x130mm, 25m
9-1607-130-58-00-0X	3	CAPRICORN ADHESIVE EDGE INSULATION STRIP WITH PERFORATIONS AND A SEALING OVERLAP , 8x130mm, 50m
9-1607-150-28-00-0X	3	CAPRICORN ADHESIVE EDGE INSULATION STRIP WITH PERFORATIONS AND A SEALING OVERLAP , 8x150mm, 25m
9-1607-150-58-00-0X	3	CAPRICORN ADHESIVE EDGE INSULATION STRIP WITH PERFORATIONS AND A SEALING OVERLAP , 8x150mm, 50m
9-1608-130-28-00-0X	8	CAPRICORN ADHESIVE EDGE INSULATION STRIP WITH PERFORATIONS AND A SEALING OVERLAP , 8x130mm, 25m
9-1608-130-58-00-0X	8	CAPRICORN ADHESIVE EDGE INSULATION STRIP WITH PERFORATIONS AND A SEALING OVERLAP , 8x130mm, 50m
9-1609-150-28-00-0X	10	CAPRICORN ADHESIVE EDGE INSULATION STRIP WITH PERFORATIONS AND A SEALING OVERLAP , 8x150mm, 25m
9-1609-150-58-00-0X	10	CAPRICORN ADHESIVE EDGE INSULATION STRIP WITH PERFORATIONS AND A SEALING OVERLAP , 8x150mm, 50m
9-1605-130-28-00-0X	3	CAPRICORN ADHESIVE EDGE INSULATION STRIP WITH PERFORATIONS AND A SEALING OVERLAP WITH GLUE, 8x130mm, 25m
9-1605-130-50-00-0X	3	CAPRICORN ADHESIVE EDGE INSULATION STRIP WITH PERFORATIONS AND A SEALING OVERLAP WITH GLUE , 8x130mm, 50m
9-1605-150-28-00-0X	3	CAPRICORN ADHESIVE EDGE INSULATION STRIP WITH PERFORATIONS AND A SEALING OVERLAP WITH GLUE , 8x150mm, 25m
9-1605-150-50-00-0X	3	CAPRICORN ADHESIVE EDGE INSULATION STRIP WITH PERFORATIONS AND A SEALING OVERLAP WITH GLUE , 8x150mm, 50m

X, tape colour: 5- blue, 9- yellow

5. Packing

Capricorn edge insulation strips are available in two lengths: 25 and 50 linear metres. They are rolled and packed in a secondary packaging – a plastic bag containing 7 rolls (15 cm high) or 8 rolls (13 cm high).

6. Advantages

- ensures correct functioning of particular heating elements,
- absorbs stresses that occur at the junction of walls and floor with underfloor heating system as a result of thermal deformations of the floor,
- reduces the loss of heat generated by underfloor heating plates through the walls,
- provides acoustic insulation for many construction elements,
- ensures easy installation guaranteed by an adhesive film thanks to which the edge insulation strip can be securely fixed to walls and other space dividers,
- sealing polyethylene overlap successfully precludes mixing water and moisture from penetrating the thermal insulation layer,
- horizontal perforations along the edge insulation strip allow for the excess of the strip to be easily and precisely trimmed away.

7. Warranty and liability

During the installation it is required to observe OHS rules included in building regulations and norms. Capricorn S.A. More information about warranty and extent of liability on www.capricorn.pl/en

8. Manufacturer

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