

# Technical Specification

## Edge Insulation

(ACC-EI)

HydroHeat edge insulation strips are made of low density polyethylene (LDPE), 13 cm high and 25 linear metres long. HydroHeat edge insulation are ready perimeter strips that provide an expansion gap between the 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. HydroHeat 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. HydroHeat 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.



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

## 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.

