ISOLMANT FASCIA PERIMETRALE TECNICA RADIANTE SWISS

IMPACT SOUND - ACCESSORIES

Specific strip for acoustic insulation of underfloor heating systems

WHAT ISOLMANT FASCIA PERIMETRALE TECNICA RADIANTE SWISS?

Vertical strips in physically reticulated expanded closed-cell polyethylene 8-mm thick , white colour and a height of 15 cm. 7,5 cm adhesive strips, provided with transparent film to overlap the radiating panel.

SPECIFIC APPLICATIONS

Isolmant Fascia Perimetrale Tecnica Radiante Swiss is a specific accessory for the creation of "floating screeds" in accordance with UNI 11516:2013, in the presence of any type of floor, in particular in the presence of heating/cooling systems in which it also acts as an expansion joint and thermal break. In case of disjointing a floating screed from perimeter walls it is recommended not to turn the resilient layer upside down but to use Isolmant Fascia Perimetrale Radiante Swiss. Failure to use Isolmant Fascia Perimetrale Tecnica Radiante Swiss causes an acoustic bridge that can lead to the loss of many decibels.

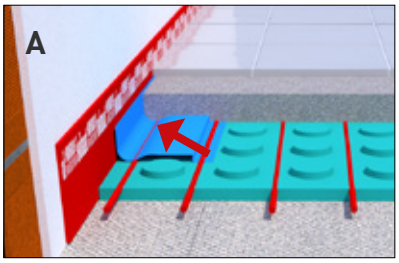
ADVANTAGES

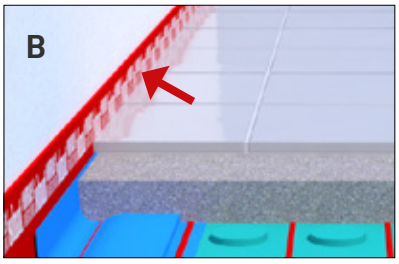
- High thickness allowing it to act as an expansion joint and thermal break.
- Presence of transparent film for overlapping on the radiant panel.
- Adhesive at the bottom for easy installation.
- Unalterable over time.
- Unlimited duration.

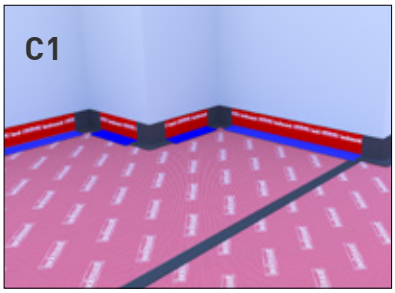
NOMINAL THICKNESS:	8 mm
CE MARKING:	Harmonised standards for CE marking are NOT currently available for acoustic insulation products. This means that Isolmant products are currently NOT subject to CE marking, nor to the drawing up of a PDO (declaration of performance) or DDP (declaration of performance). All Isolmant products are placed on the market in compliance with the regulations in force in the country of destination and with the necessary certifications to guarantee their use in dedicated applications.
SIZE:	h 15 cm x 50 m linear strips
PACKAGE:	8 strips equal to 400 linear metres

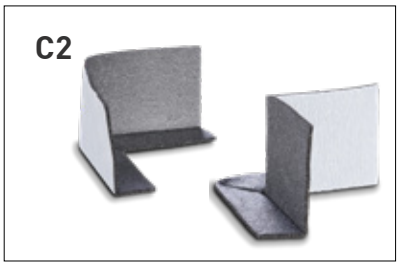
ITEM SPECIFICATIONS

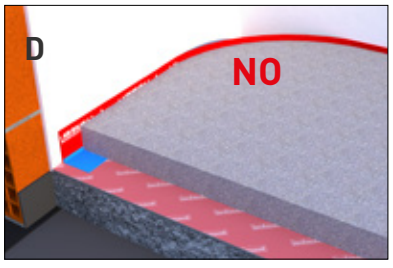
Isolmant Fascia Perimetrale Tecnica Radiante Swiss specific for radiant systemsmade of white in physically reticulated expanded closed-cell polyethylene with 7.5 cm adhesive height and transparent film - overlapping 20 cm from the band itself - to overlap the radiant panel. H 15 cm.
Nominal thickness 8 mm.

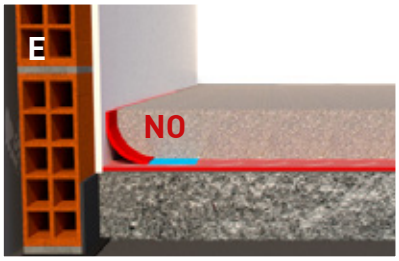












INSTALLING ISOLMANT FASCIA PERIMETRALE TECNICA RADIANTE SWISS

STEP

In order to avoid acoustic bridges, the use of Isolmant Fascia Perimetrale Tecnica Radiante Swiss is recommended. This product should be installed along the entire perimeter of the room without interruption. In particular, after having laid the resilient layer, lay the Perimetrale Tecnica Radiante Swiss strip, using the medium-tenacity adhesive, present in the lower part of the strip, to fix it to the wall, taking care to ensure that it adheres well to the underlying acoustic mat. Then proceed to fit the transparent film protruding from the strip itself, fixing it to the thermal panel and taking care to place the thermal panel completely on the strip without leaving any gap between the two, so as to prevent the insertion of cementitious material in the subsequent phase of casting the finishing screed (fig. A). The height of Isolmant Fascia Perimetrale Tecnica Radiante Swiss must be such as to ensure that it exceeds the floor level by approximately 2/3 cm. This excess must be trimmed only after the flooring has been laid and grouted (fig. B). The continuity of the installation must also be ensured along the thresholds of entrance doors and French windows, as well as in technical niches for housing the manifolds of the heating system, pillars, pilasters, doors and other wall movements. Specific accessories are available to facilitate this task: Isolmant Angoli e Spigoli and Isolmant Telaio Porte (fig. C1 - C2). It is also necessary to avoid a gap between the band and the walls at the corners (fig. D) where cementitious material can penetrate. It is also necessary to that this product also adheres continuously along the slab-wall connection: the formation of the groove (fig. E) causes a reduction in the thickness of the screed resulting in a lack of flooring support at that point, risking cracking over time. In conclusion, before proceeding with the laying of the finishing screed, the contractor must be reasonably certain that he has created a perfect watertight tank in which the cement screed he is going to lay can float without establishing any rigid connection either with the load-bearing layers underneath or with the walls to its sides.

WARNINGS:

* This data sheet does not constitute a specification and, if it consists of several pages, please ensure that you have consulted the complete document. Although, these instructions are the result of our best expertise they are indicative. The user should establish whether the product is suitable for its intended application. The user will be also in charge of all the responsibility for the use of the product itself.

**The sound insulation values given in this technical data sheet are the result of laboratory tests or tests carried out on site: they cannot be considered a predictive value for every situation that may occur on site. Acoustic performance is closely linked to the specific conditions of each site.

***Caution: do not expose the product to direct sunlight and bad weather.

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