

Technical Commercial Data Sheet

Fonasoft

Soundproofing of floors from impact noises (floating floors)



Dimensional Features

Length	10 m - 1% (UNI EN 1848-1)	Toll. \geq
Width	1 m - 1% (UNI EN 1848-1)	Toll. \geq
Thickness	6 mm (UNI EN 1849-1)	Toll. $\pm 10\%$

Description

Base layer for the soundproofing of floating floors consisting in a high-weight non-woven polyester matched with a reinforced bituminous membrane realized with a special compound studied to give high usability and ease of application in all weathers.

The product is superficially covered with a polyethylene film and has a selvage on one side and a self-adhesive band on the other side, in order to realize optimal junctions.

Application

- The application deck must be smooth and clean;
- Connect eventual pipes to the floor with cement mortar;
- Implement a plain layer covering all the pipes with sand stabilized with cement. If you need to increase the level of insulation of the floor, replace the stabilized sand with an insulating premix; these operations are not necessary if the surface of the slab does not have pipes, is well leveled and free of lumps or asperity;
- In order to avoid rigid connections between the flooring and the other structures of the building, fold FONASOFT along walls and pillars, placing faces respectively to the plane of the floor and to the surfaces of walls and pillars. Ensure that the height of the vertical edges of the product slightly exceeds the level of finished floor;
- The felt must be bent at a right angle between horizontal and vertical plane to avoid the formation of voids between the felt and the soil;
- Unroll and cut FONASOFT in order to cover the whole floor;
- The face coated with bitumen must be laid upside and the edges must be perfectly matched and sealed using the appropriate adhesive strip on the corresponding band of overlap in order to achieve a perfect continuity of the soundproofing layer;
- Make a screed of adequate thickness in accordance with expected loads;
- Realize the planned pavement;
- Cut the exceeding product;
- Apply the baseboard avoiding contact with the elements of the floor.

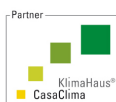
Recommended Use

Soundproofing of floors from impact noises (floating floors).

Storage

Keep the rolls in warehouse, not exposed to the sun rays and at a temperature not below + 5°C. Keep the rolls in the upright position. It is advisable to use the product within 2/3 months from delivery.

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Saint-Gobain PPC Italia S.p.A. – Isover Activity

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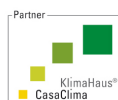
Fonasoft

Characteristics	Value
Rolls per pallet	23
m ² per pallet	230
Length	10 m ± 1%
Width	1 m ± 1%
Non-woven Polyester weight	0,2 Kg/m ² ± 10%
Membrane weight	2,0 Kg/m ² ± 10%
Total product weight	2,2 Kg/m ² ± 10%
Impact noise soundproofing (UNI EN ISO 140/6 — UNI EN ISO 717/2)	
Under bare slab L_{nw0}	76 dB
Under slab insulated with FONASOFT felt L_{nw}	50 dB
Improvement of impact noise soundproofing ΔL_w	26 dB
Dynamic rigidity (UNI EN 29052-1:1993)	Test Report Istituto Giordano n° 235058 dated 24/03/2009
Average apparent dynamic rigidity S'_t without pre-load	15 MN/m ³
Average apparent dynamic rigidity S'_t with pre-load	16 MN/m ³
Average dynamic rigidity S'	34 MN/m³

The Saint-Gobain PPC Italia S.p.A. quality system is certified according to EN ISO 9001.

Our products foresee proper application and storage modalities.

The technical data of this document refer to tests performed in laboratory and therefore do not represent a guarantee on the results for similar working yard systems. Saint Gobain PPC Italia has the right to carry out the changes or variations believed to be proper any time with no need of notice.



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