

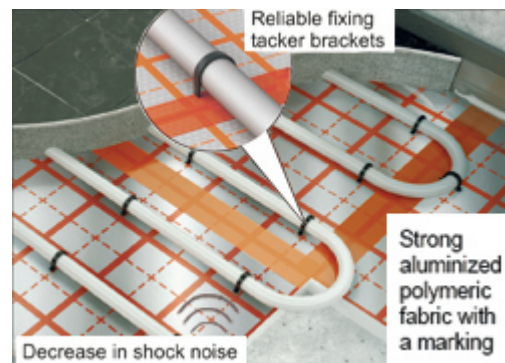
Plates and mats Energofloor® Tacker AL

Description

 tacker AL
energofloor®



Plates and mats Energofloor® Tacker AL - is a system of a insulation ready to application for floor heating. The system is specially developed for the most widespread technology of fastening of pipes to a insulation layer by means of tacker brackets. It consists of the expanded polystyrene covered with a strong aluminized polymeric fabric. Thanks to expanded polystyrene application in thickness of 20 and 30 mm Energofloor® Tacker AL provides the necessary thickness selection for installation work possesses. Plates and mats Energofloor® Tacker AL have high thermal resistance. Results of tests showed, that this material provide effective protection against shock noise and correspond to the highest requirements of sound insulation in residential buildings according to Standard of Design 51.13330.2011 «Protection against noise».



The material is recommended to be applied in the floor heating systems used as the main systems of heating.



The economic form of release in the form of plates considerably reduces the price of logistics of transportations and warehousing.



- Reliable fixing of the tacker brackets holding heating elements.
- The material in the form of mats is convenient for stacking in small rooms as existence lamely in mats facilitates their cutting.



Necessary thickness of insulation



Specifications

 **energofloor®**

Specifications

Feature	Value	Method
Maximum service temperature, °C	+70	TS 22.21.41-016-59705109-2012
Thermal resistance, $R_{25} M^2 \cdot K/W$	20 mm	
	30 mm	
Water absorption on volume at full immersion during 24 hours, %, no more, than	0,5	GOST 17177
	0,75	
Printing step, cm	5	
Index of improvement of shock noise isolation with a floating coupler ΔL_{nw} , dB	23	GOST 27296-87 and ISO-140-6

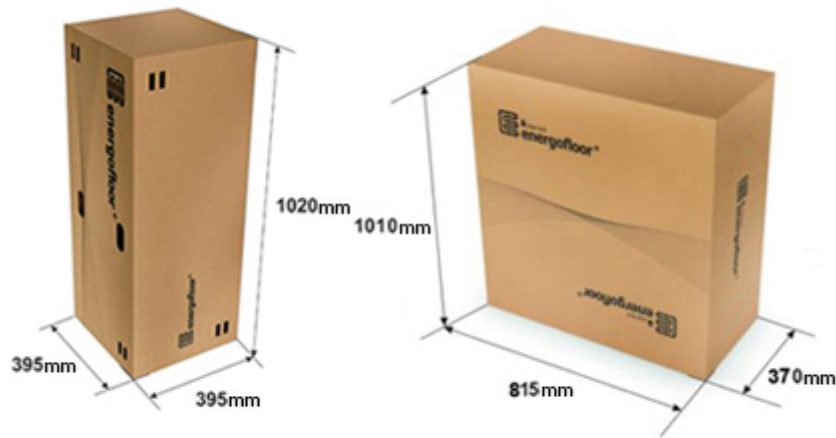
Range



Range

Item	Article	Thickness	Width	Length	Quantity per package
Mate Energofloor® Tacker AL 20/1,0-4,8 DES-sg	EFRM2014/8TKR	20 mm	1 m	4,8 m	4,8 m ²
Plate Energofloor® Tacker AL 20/1,0-1,6 DES-sg	EFRP2011/6TKR	20 mm	1 m	1,6 m	14,4 m ²
Mate Energofloor® Tacker AL 30/1,0-3,2 DES-sg	EFRM3013/2TKR	30 mm	1 m	3,2 m	3,2 m ²
Plate Energofloor® Tacker AL 30/1,0-1,6 DES-sg	EFRP3011/6TKR	30 mm	1 m	1,6 m	9,6 m ²

Packaging




Mates Energofloor® Tacker packed into cartons with dimensions of 1020 x 395 x 395 mm.
Plates Energofloor® Tacker packed into cartons with dimensions of 1010 x 815 x 370 mm.

brend and standart size	thickness, mm	width, m	lenght, m	quantity per package, m ²	gross weight, kg	package volume, m ³
Mate Energofloor® Tacker AL 20/1,0-4,8 DES-sg	20	1,0	4,8	4,8	2,78	0,160
Plate Energofloor® Tacker AL 20/1,0-1,6 DES-sg	20	1,0	1,6	14,4	7,34	0,305
Mate Energofloor® Tacker AL 30/1,0-3,2 DES-sg	30	1,0	3,2	3,2	2,56	0,160
Plate Energofloor® Tacker AL 30/1,0-1,6 DES-sg	30	1,0	1,6	9,6	5,99	0,305

Accessories




Montage knife

	A montage knife with a specific sharpening is intended for the insulation cutting. The knife has a special form and dimensions allowing to simplify the work of a professional fitter as much as possible.		Артикул
	Blade length:	270 mm	EFXKNIFE

Damper tape Energofloor®

	Damper tape Energofloor® is intended for the compensation of thermal expansion of a cement underlayment in floor heating systems. A polyethylene film serves for the prevention of liquid cement solution flowing under the lower edge of the tape.		Article
	Thickness:	10 mm	
	Width:	0,1 m	EFRL1010011DM
		0,15 m	EFRL1015011DM
	Length:	11 m	
Note:	- if the area of the concrete underlayment is less than 10 m ² , a damper tape shall be installed along the perimeter; - if the area of the concrete underlayment is more than 10 m ² , it is recommended to provide for the compensation joint devices.		

Tape-hermetic Energofloor®

	Tape-hermetic Energofloor® is intended for the joining and sealing of Energofloor® Compact, Energofloor® Tacker and Energofloor® Reflect insulation joints, prevents flowing of the liquid cement solution between joints of insulating materials.		Article
	Width	50 mm	EFRL05050DM
	Lenght	50 m	
	Temperature:	Not below 10°C	