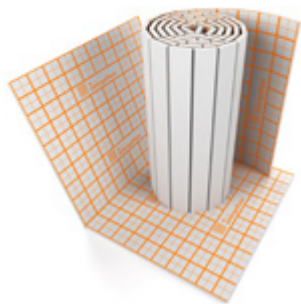


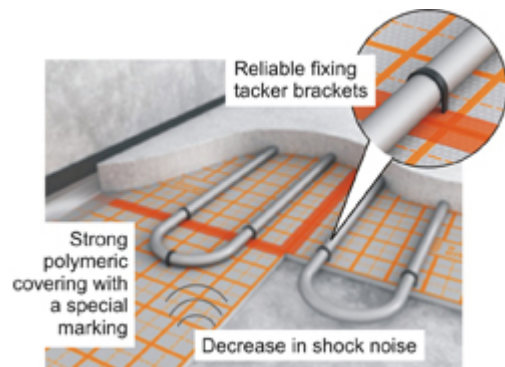
## Plates and mats Energofloor® Tacker

### Description

 **energofloor®**



Plates and mats Energofloor® Tacker - 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 polymeric fabric. Thanks to expanded polystyrene application in thickness of 30 mm of Energofloor® Tacker possesses 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.



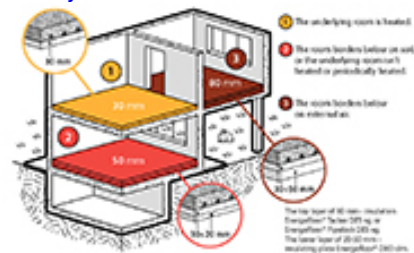
The economic form of release in the form of plates considerably reduces the price of logistics of transportations and warehousing.



- 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

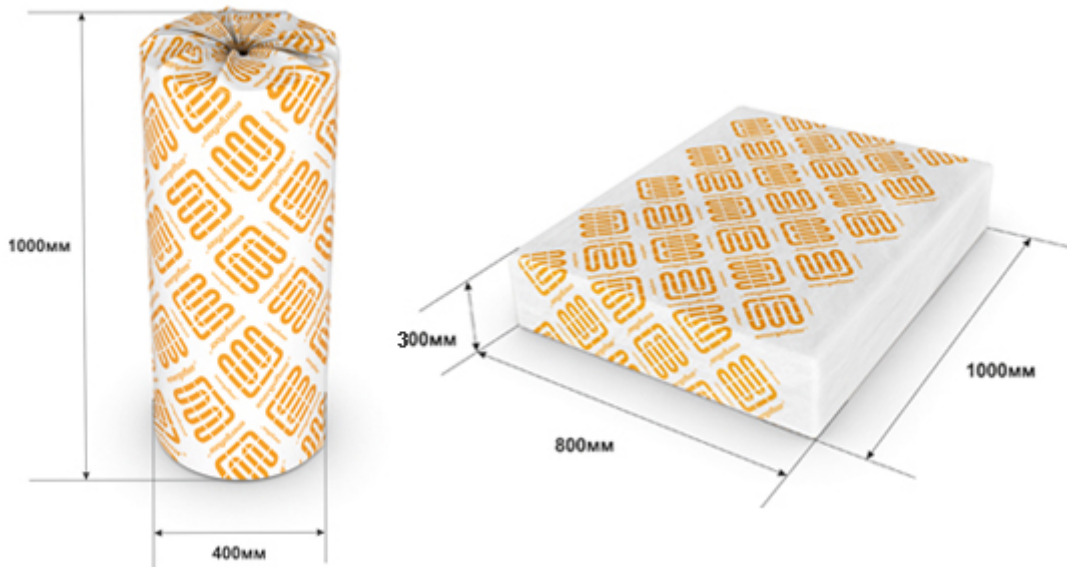
Feature	Value	Method
Maximum service temperature, °C	+70	TU 5768-016-59705109-2012
Thermal resistance, $R_{25} m^2 \cdot K/W$	0,75	
Compression strength at 10% linear deformation, MPa, not less, than	0,08	GOST 15588-2014
Water absorption on volume at full immersion during 24 hours, %, no more, than	3,0	GOST 17177
Printing step, cm	5	
Index of improvement of shock noise isolation with a floating coupler $\Delta L_{nw}$ , dB	23	GOST 27296-87 and ISO-140-6

### Range

## Range

Item	Article	Thickness	Width	Length	Quantity per package
Mate Energofloor® Tacker 30/1,0-3,2 DES-sg	EFRM3013/2TKR	30 mm	1 m	3,2 m	3,2 m <sup>2</sup>
Plate Energofloor® Tacker 30/1,0-1,6 DES-sg	EFRP3011/6TKR	30 mm	1 m	1,6 m	8 m <sup>2</sup>

## Packaging



### Packed into white-orange polyethylene packets. Package dimensions:

- mate Energofloor® Tacker 30/1,0-3,2 DES-sg - Ø 400 x 1000 mm;
- plate Energofloor® Tacker 30/1,0-1,6 DES-sg - 1000 x 800 x 300 mm.

brend and standart size	thickness, mm	width, m	lenght, m	quantity per package, m <sup>2</sup>	gross weight, kg	package volume, m <sup>3</sup>
Mate Energofloor® Tacker 30/1,0-3,2 DES-sg	30	1,0	3,2	3,2	1,51	0,13
Plate Energofloor® Tacker 30/1,0-1,6 DES-sg	30	1,0	1,6	8,0	3,69	0,24

## 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
<b>Thickness:</b>	10 mm	
<b>Width:</b>	0,1 m	EFRL1010011DM
	0,15 m	EFRL1015011DM
<b>Length:</b>	11 m	
<b>Note:</b>	<ul style="list-style-type: none"> <li>- if the area of the concrete underlayment is less than 10 m<sup>2</sup>, a damper tape shall be installed along the perimeter;</li> <li>- if the area of the concrete underlayment is more than 10 m<sup>2</sup>, it is recommended to provide for the compensation joint devices.</li> </ul>	

**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
<b>Width</b>	50 mm	
<b>Lenght</b>	50 m	EFRL05050DM
<b>Temperature:</b>	Not below 10°C	