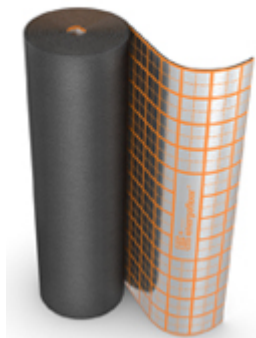
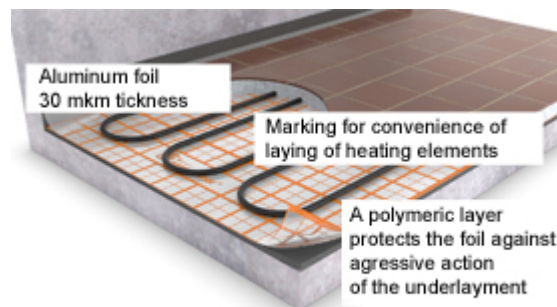


Sheets (rolls) Energofloor® Compact

Description

Energofloor® Compact is the best decision for floor-heating insulation in premises of multystoried buildings. Polyethylene foam is covered with a massive layer of the aluminum foil, protected from corrosion of chemically resistant polymeric film. Aluminum foil covering 30 micrometers thickness evenly distributes heat from heating elements on all surface of a floor, keeping all advantages of the flexible insulations at installation. Thanks to Energofloor® Compact application on a surface of a floor is created the uniform comfortable temperature, and cement and sand coupler and floor covering are most protected from local overheats and destruction. Thus the small thickness of thermal insulation saves space premises..



Aluminum foil 30 micrometers thickness evenly distributes heat from heating elements on all surface of a floor.



Small thickness of a material allows to lower general thickness of a design.



Specifications



Specifications

Feature	Value	Method
Maximum service temperature, °C	+70	
Thermal conductivity, λ_{20} , W/(m·°C)	0,039	GOST 7076-99
Water absorption by volume of total immersion in 24 h, %	1,0	GOST 17177
Compressive strength at 10% linear strain, MPa, not less	0,04	GOST 17177
Printing step, cm	5	
Aluminum foil thickness, mkm	30	
Corrosion safety	High resistance to aggressive construction materials - cement, concrete, gypsum, lime.	
Environmental Aspects	Chlorofluorohydrocarbons free	

Range



Range

Item	Article	Thickness	Width	Length	Quantity per roll
Sheet (roll) Energofloor® Compact 3/1,0-30	EFRR03130COM	3 mm	1 m	30 m	30 m ²
Sheet (roll) Energofloor® Compact 5/1,0-20	EFRR05120COM	5 mm	1 m	20 m	20 m ²

Packaging



Packed into cartons with dimensions of 1020 x 395 x 395 mm.

standard size	thickness, mm	width, m	length, m	quantity per package, m ²	gross weight, kg	package volume, m ³
3/1,0-30	3	1	30	30	7,75	0,16
5/1,0-20	5	1	20	20	4,90	0,16

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 m², a damper tape shall be installed along the perimeter;
- if the area of the concrete underlayment is more than 10 m², 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

Lenght

50 m

EFRL05050DM

Temperature:

Not below 10°C