

TECHNICAL DATA SHEET

STIROTRAK

Thermal insulation product for buildings

Product description

Expanded tape made of expanded polystyrene (EPS). It does not contain freons (CFC free/FCKW frei) and does not contain HBCD.

Product features

The product meets the requirements of the standard SIST EN 13163:2012+ A1:2015.

- Description: Flat strips

- Temperature resistance: long-term 70° C, short-term 80° C

CE-marking:

EPS-EN 13163-W(3)-T(1)-DS(N)5-SD(1)

Key features	EN Method	Unit	Declared (EN 13163:2012+ A1:2015)	
Width	EN 822	mm	+ 15 % or 3 mm*	
Thickness	EN 823	mm	± 0,5	
Dimensional stability	EN 1603	%	± 0,5	
Reaction to fire	EN 13501-1	/	E	
Thermal conductivity	EN 12667	W/m.K	0,039	
Dynamic stiffness	EN 29052-1	MN/m ³	mm	SD
			5	40
			10	35
			15	30

* which gives a higher numerical value

**improvement of impact sound insulation ΔL_w [dB] with a screed surface mass ≥ 75 kg/m²

Thickness (mm)	5	10	15
R (m ² K/W)	0,10	0,25	0,35

Field of use

The product is used as thermal insulation in a floating floor system for protection against impact sound.

Application

The product is installed according to the method of use by gluing, mechanical fastening, or being laid freely. During installation, it is necessary to follow the installation instructions and the applicable professional and legal regulations.

Storage

Product must be stored on a dry surface and protected from direct sunlight, moisture, frost and snow, mechanical damage, dirt and flame. Contact with incompatible materials/chemicals should be avoided.

Packaging

Packed in PE foil.

Waste management

The waste product must be handled in accordance with the Waste Regulation. The residue or waste of the product is classified as non-hazardous waste, namely as construction waste-plastic (17 02 03). Waste foil belongs to waste plastic packaging (15 01 02) and waste pallets to waste wooden packaging (15 01 03).

Certificates



PTD (ITT), FIW München

The product is in accordance with SIST EN 13163:2012+A1:2015 and Regulation (EU) No. 305/2011. The quality and environmental management system is in accordance with SIST EN ISO 9001 and SIST EN ISO 14001.

Declaration of performance No DoP-01-TI- 016 / 26 - 01

