

TECHNICAL DATA SHEET

EPS SILENT 11 FOIL

Thermal insulation product for buildings

Product description The foil is made of expanded and elastified polystyrene (EPS). It does not contain freons (CFC free/FCKW free) and does not contain HBCD.

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

- Thickness: 11 mm
- Packaging: roll with a width of 1 m and a length of 20 m (5 x 4 m)
- Temperature resistance: long-term 70° C, short-term 80° C

CE-marking:
EPS-EN 13163-W(3)-T(1)-DS(N)5-SD50

Key features	EN Method	Unit	Declared (EN 13163:2012+ A1:2015)
Width	EN 822	mm	± 3
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	0,043
Thermal resistance R ₀		m ² .K/W	0,25
Dynamic stiffness	EN 29052-1	MN/m ³	SD
			50
Allowable uniform load		kg/m ²	650

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

Field of use The product is used for underfloor heating, providing thermal and sound insulation in a floating floor system where loads do not exceed 650 kg/m².

Application The foil is laid freely and, if necessary, on previous layers of thermal insulation. During installation, it is necessary to follow the installation instructions as well as the applicable professional and legal regulations.

Storage Wraps need to 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 must be prevented.

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- 045 / 26 - 01



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