

# TECHNICAL DATA SHEET

## STIROTACKER R PP EPS 100

Thermal insulation product for buildings

### Product description

Thermal insulation board made of expanded polystyrene (EPS), laminated with PP woven foil. 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, ÖNORM B 6000:2018.

- Format: roll 10 m x 1000 mm x dN (mm)
- Description: scroll/white board, on which a PP foil with a raster and a self-adhesive flap is attached
- Temperature resistance: long-term 70° C, short-term 80° C

CE-marking:

**EPS-EN 13163-L(3)-W(3)-T(2)-S(5)-P(5)-BS150-CS(10)100-TR150-DS(N)5-DS(70,-)3-DLT(1)5**

Key features	EN standard	Unit	Declared (EN 13163:2012+ A1:2015)
Length	EN 822	mm	± 3
Width	EN 822	mm	± 3
Thickness	EN 823	mm	± 2
Squariness	EN 824	mm	± 5
Flatness	EN 825	mm	± 5
Bending strength	EN 12089	kPa	≥ 150
Tensile strength	EN 1607	kPa	≥ 150
Compressive strength	EN 826	kpa	≥ 100
Dimensional stability	EN 1603	%	± 0,5
Dimensional stability at 70°C	EN 1604	%	≤ 3
Def. under pressure and temp. load	EN 1605	%	≤ 5
Reaction to fire	EN 13501-1	/	E
Thermal conductivity	EN 12667	W/m.K	0,036

Thickness (mm)	20	25	30
R (m <sup>2</sup> K/W)	0,55	0,65	0,80

### 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 2500 kg/m<sup>2</sup>. Heating pipes are attached to the product using pipe clips.

### Application

Thermal insulation boards are installed by gluing or laid freely, depending on the method of use. The joints of the boards are made with pre-installed double-sided adhesive tape. The installation of self-leveling screed is also possible. 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 a roll or in a package wrapped 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- 019 / 26 - 01



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