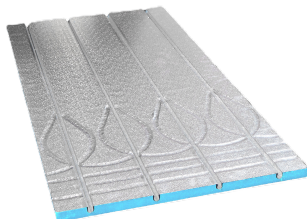


UFH-DRY-1625-100C: XPS panel with milling, alu top layer c-c 100mm- 0,72m²



Commercial information

Panel systems with a low build-up height that can be installed without screed/chape. The system has a fast response time due to low thermal inertia. The panels have an aluminum top layer for optimal heat output.

- Dimensions: 1200mm x 600mm x 25mm
- Weight: 800g
- Compressive strength: 400kPa
- Center-to-center spacing: 10 cm or 15 cm
- Very low installation height - 25 mm:
Ideal for renovations or situations with limited floor build-up.
- Fast heating thanks to low thermal inertia:
Direct heat transfer and fast system response time
- Easy to adapt to heat demand and laying pattern (meander)
- Simple and dry installation in two phases:
Gluing and pipe installation separated for optimal adhesion and installation certainty
- Thanks to the so-called keyhole profile of the milling, it is possible to lay the pipe in wider bends, simplifying installation and reducing the risk of kinking.
- Compatible with Henco 16mm pipes.
- Density: 35kg/m³;
- Tested according to the harmonized European standard for thermal insulation products made of extruded polystyrene foam (XPS), EN13164:2012+A1:2015
- Fire reaction: Euroclass E
- Declared thermal resistance (at nominal thickness): $R \approx 0.75 \text{ m}^2 \cdot \text{K/W}$
- Thermal conductivity (heat transfer coefficient): $\lambda_D = 0.033 \text{ W/(m} \cdot \text{K)}$
- Nominal thickness: d = 25 mm, tolerance class T3

Basic unit dimensions

Height	25 mm
Length	1,200 mm
Width	600 mm
Net weight	0.800 kg

Certificates

Applications

Underfloor Heating, Heating, Cooling

Solutions

Underfloor heating, Building installations, Industry, Utility

Technical characteristics

With mounting board	✗	Heat resistance Rd	0. Square metre Kelvin per Watt 75
With mounting plate	✗	Thermal conductivity according to EN 12664	0. Watt per metre Kelvin 03 3
With insulation	✓	Max. load	40 Kilonewton per square metre 0
Material insulation	Extruded polystyrene (XPS)	Width	60 Millimetre 0
Glass-fibre reinforced	✗	Length	12 Millimetre 0
Thickness including studs	Not applicable	Insulation thickness	25 Millimetre
With straight grooves	✓	Thickness	25 Millimetre
With turning grooves	✓	Total thickness	25 Millimetre
With tongue (tongue and groove system)	✗	Max. centre distance of floor joists	10 Millimetre
Studded panel	✗	Suitable for pipe diameter	16 Millimetre 1 6
Tacker plate	✗		
Inlay plate	✓		
Hook-and-loop fastening	✗		
With foil	✗		
With impact sound insulation	✗		
Rollable	✗		
Foldable	✗		