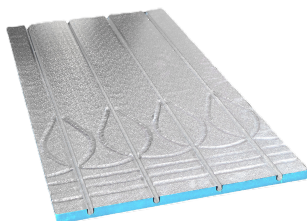


## UFH-DRY-1625-100C: XPS panel with milling, alu top layer c-c 100mm- 0,72m<sup>2</sup>



### 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 PE-Xc, RIXc and PE-RT pipes.
- Density: 35kg/m<sup>3</sup>;
- 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):  $\lambda_D = 0.033 \text{ W}/(\text{m} \cdot \text{K})$
- Nominal thickness:  $d = 25 \text{ mm}$ , 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	✘		