

Profoil®

Technical Data Sheet **joist**

Material Specifications

Compressive Strength – 100 kPa
(@ 10% Compression)

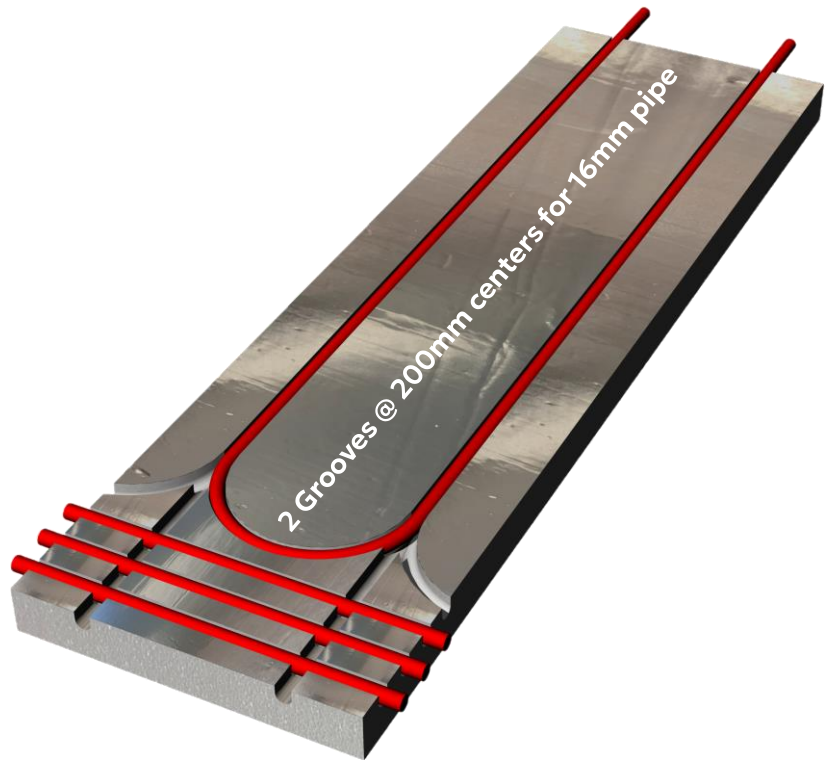
Dimensions 1200 x 350 x thickness
EPS Grade (mm) 25 | 50

45 / 100 Micron options Foiled into the
main grooves

Thermal conductivity (W/mK)
EPS Grade 100 - 0.036

Pipe Size / Spacings

12mm	2 Grooves @ 200mm centers
OR	2 Grooves @ 150mm centers
16mm	3 Grooves @ 125mm centers



Installation Guidance

- 1 Lift existing Structural floorboards
- 2 Screw battens onto joists at required depth (most commonly 50mm)
- 3 Install profoil panels
- 4 You are all set to begin installing the specified pipe. (Always pressure test the pipework)
- 5 Once you have completed your pipe layout and pressure testing you are ready to reinstate your structural floor boards. (Structural boards / Requirement 18mm thick)

Engineered Wood	Carpet	LVT / Laminate		Tile
1 Install engineered wood (Leave as a floating floor / joints can be bonded)	1 Roll out Underlay as specified by manufacturer.	LVT	Laminate	1 Prime Structural board (Any Acrylic Primer)
✓	3 Lay Carpet	1 LVT Supplier will have Specified installation guidance to be followed.	1 Roll out Underlay as specified by manufacturer.	2 Apply tile adhesive
	✓		2 Install laminate	3 Lay decoupling membrane
		✓		4 Apply tile adhesive
				5 Install tiles / Grout
				✓