

Profoil®

Technical Data Sheet **extra**

Material Specifications

Compressive Strength – 100-500 kPa
(@ 10% Compression)

Dimensions 1200 x 600 x thickness

EPS Grade (mm) 18 | 25 | 30 | 35 | 40 | 50

XPS Grade (mm) 18 | 20 | 25 | 30 | 50

100 Microns Foiled into the main grooves

Thermal conductivity (W/mK)

EPS Grade 100 | 150 | 200 | 250 | 300 | 500
0.036 | 0.035 | 0.034 | 0.033 | 0.033 | 0.033

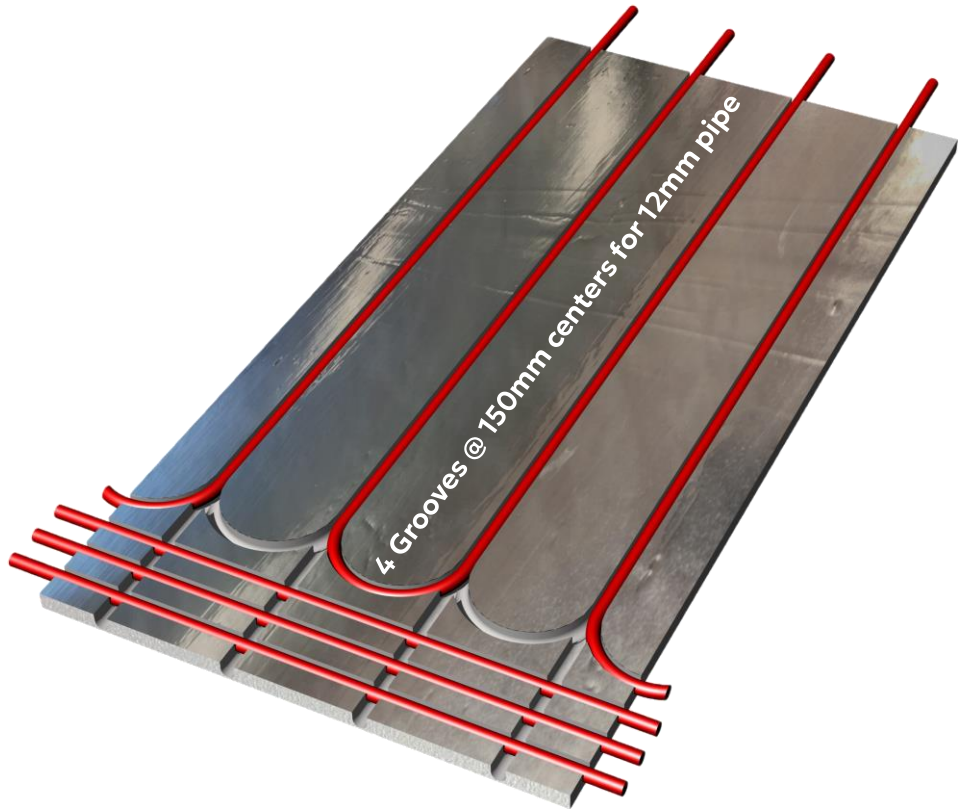
XPS Grade 300 | 500
0.034 | 0.036

Fire Classification

KF300 - Euroclass E | EPS - Euroclass F

Pipe Size / Spacings

12mm	3 Grooves @ 200mm centers
OR	4 Grooves @ 150mm centers
16mm	6 Grooves @ 100mm centers



Installation Guidance

- 1 Ensure sub floor is swept clean of any dust/debris before application.
- 2 Install a vapor control layer over the sub-floor.
- 3 Install profoil panels (can be left as a floating floor system or bonded to the subfloor using adhesive)
- 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 begin your finished floor installation

Engineered wood (14mm + Required for direct Installation onto Profoil)	Carpet (18mm structural board required before finished floor installation)	LVT / Laminate (18mm structural board required before finished floor installation)		Tile (18mm structural board required before finished floor installation)
1 Install engineered wood (Leave as a floating floor / joints can be glued)	1 Install 18mm structural board (Glue Joints)	1 Install 18mm structural board (Glue Joints)		1 Install 18mm screed board (Glue Joints)
✓	2 Roll out underlay	LVT	Laminate	2 Apply tile adhesive
	3 Lay Carpet	1 5mm screed	Install Laminate	3 Lay decoupling membrane
	✓	2 Install LVT	✓	4 Apply tile adhesive
				5 Install tiles / Grout
				✓