

Sandwich Panel FTB PF 1000 · Acoustic façade panel

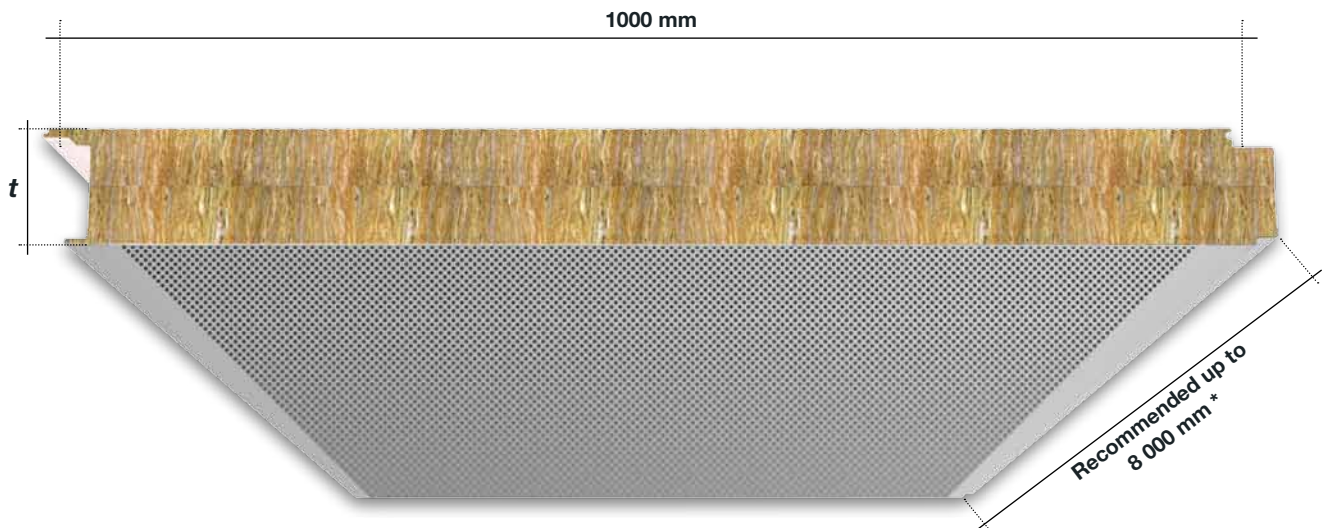


Description:

Roof Panel with Mineral Wool insulation core, brand **ROCTHERM**, with concealed fixing, acoustic absorption and sound-proof, with perforated sheet inside.

Main Key Advantages:

- All-in-one element:
- Ecological;
 - Thermal Insulation;
 - Insulation and Sound Absorption.



* Maximum length up to 15 000 mm

Panel components:

		STANDARD	UPON REQUEST		
Metallic Support	Steel Quality	S220GD+Z	DX51D+Z, S250GD+Z to S350GD+Z		
	Sheet Thickness	Top	0,5 mm	0,6 mm	0,7 mm
		Lower	0,4 mm to 0,5 mm	0,4 mm to 0,5 mm	0,4 mm to 0,5 mm
	Coating	Galvanized	140 to 180 gr/m ²	Up to 275 gr/m ²	
		Pre-lacquered	Polyester (25 µm)	PVDF (25/35 µm)	HDX (55 µm)
Colours		Available at RAL list	Remaining		

		STANDARD	UPON REQUEST
Insulated Core	Mineral wool		
	Density	100 kg/m ³	Up to 150 kg/m ³
	Thermal Cond (λ)	0,042 W/m°C	

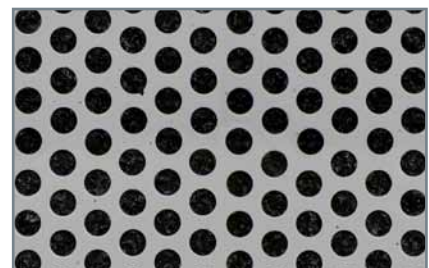
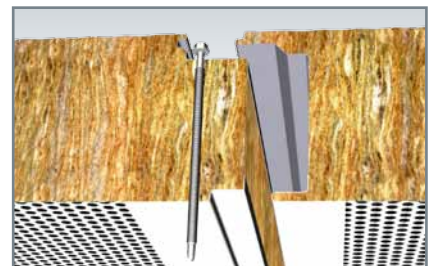
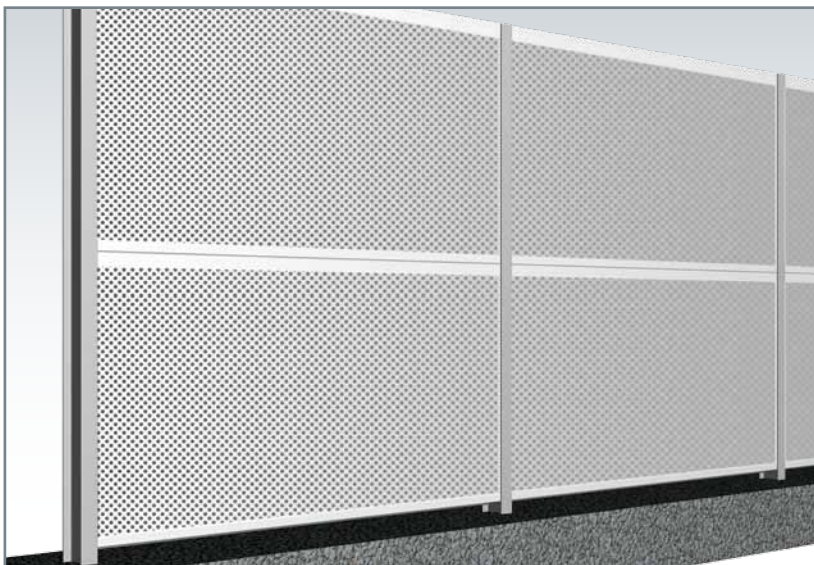
Should you choose other features not included in this table, please contact FTB technical department



Characteristics:

Thickness (mm)	50	75	100	120
Designed width (mm)	1000			
Overall width (mm)	1035			
Length (m)	Minimum 2 m, Up to a Maximum of 15 m			
Weight (approx.)* (kg/m ²)	12,5	15,0	17,5	19,5

* Weight of FTB Sandwich Panel with standard features.



Properties:

Thickness (mm)	50	75	100	120	
Thermal (1)	Thermal Resistance (R) (m ² .K/W)	1,19	1,78	2,38	2,86
	Coefficient of thermal transmission (U) (W/m ² .K)	0,71	0,50	0,39	0,33
Acoustic	Sound Insulation	(R _w) (1)	34 dB	Superior to 34 dB	
		(DL _R) (1)	29 dB (B3 Class)	Superior to 29 dB	
	Acoustic Absorption	(α _w) (1)	1,00 (A Class)		
		(DL _α) (1)	13 dB (A4 Class)		

(1) Test carried out at Laboratório Nacional de Engenharia Civil (LNEC)