

Sandwich Panel FTB PC 1000 · Acústico roof panel

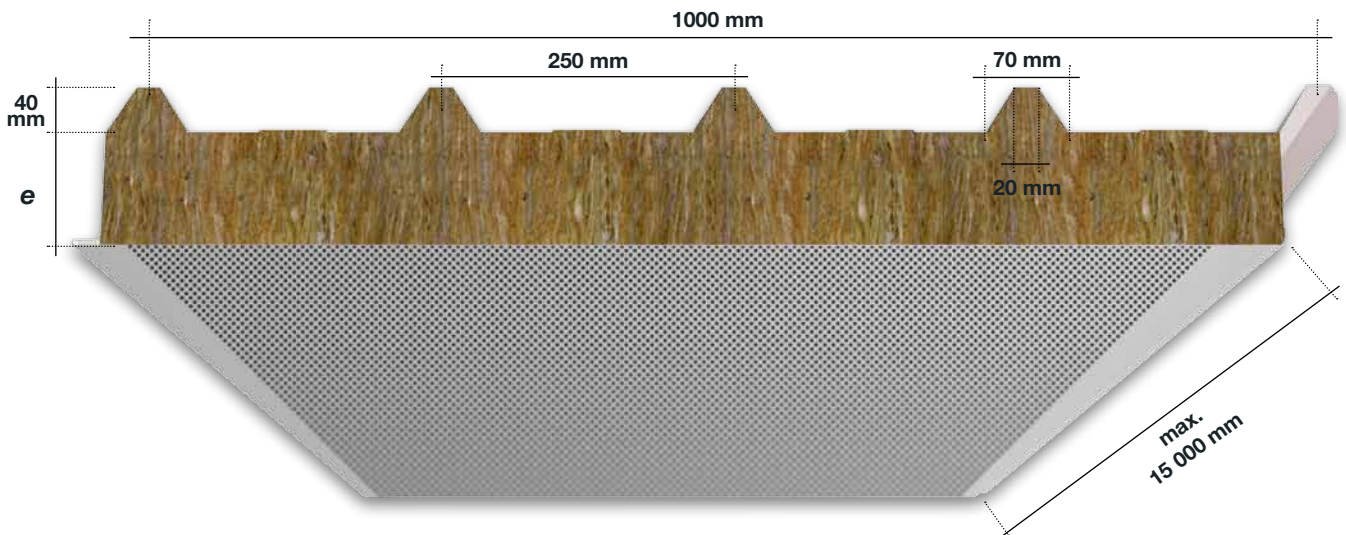


Description:

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

Main Key Advantages:

- All-in-one element:
- Ecological;
 - Mechanical Resistance;
 - Thermal Insulation;
 - Sound Insulation.



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
		Thermal Cond (λ)	0,042 W/m°C
			Up to 150 kg/m ³

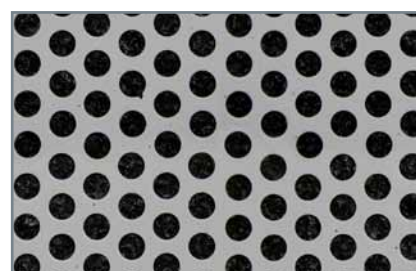
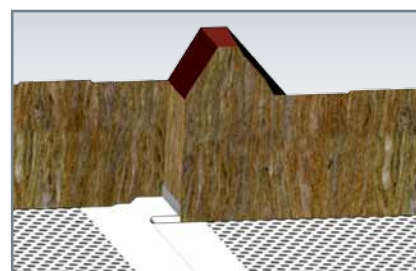
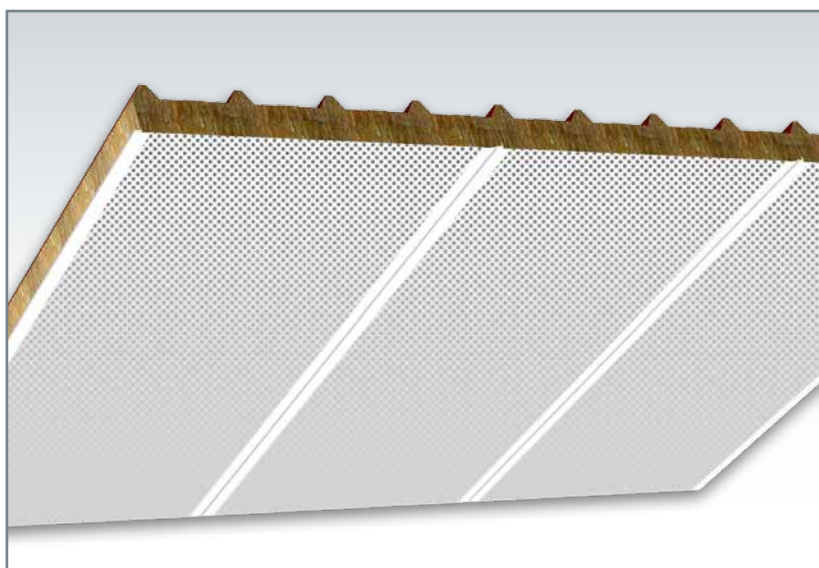
Should you choose other features not included in this table, please contact FTB technical department



Characteristics:

Thickness (mm)	50	75	100	120
Designed width (mm)	1000			
Overall width (mm)	1075			
Length (m)	Minimum 2 m, Up to a Maximum of 15 m			
Weight (approx.)* (kg/m ²)	13,5	16,0	18,5	20,0

* 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
	Acoustic Absorption (α _w) ⁽¹⁾	1,00 (A Class)			

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