

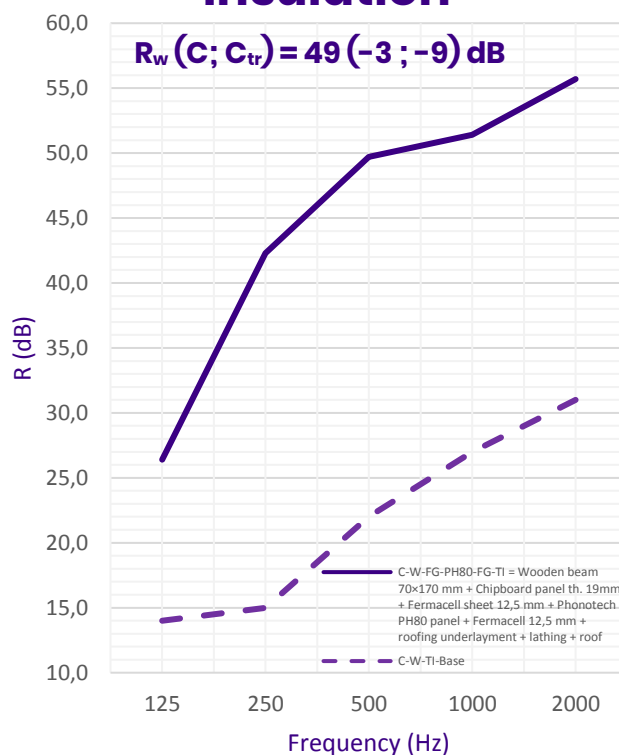
SYSTEM COMPOSITION

1. Wooden beams 70x170 mm
2. Chipboard board th. 19mm
3. Gypsum board th. 12,5 mm
4. Acoustic panel PHONOTECH PH80
5. Gypsum board th. 12,5 mm
6. Roofing underlayment
7. Lathing
8. Roof tiles

R (dB) per octave band (Hz)

Frequency (Hz)	125	250	500	1000	2000
R (dB)	26,4	42,3	49,7	51,4	55,7

Insulation



System	Sound reduction			Thermal R. (m ² .K/W)	U (W/m ² .K)	Weight (kg/m ²)	Thickness (mm)
	R _w (dB)	R _A (dB)	R _{A,tr} (dB)				
C-W-FG-PH80-FG-TI	49	46	40	2,720	0,37	99,77	117,5

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