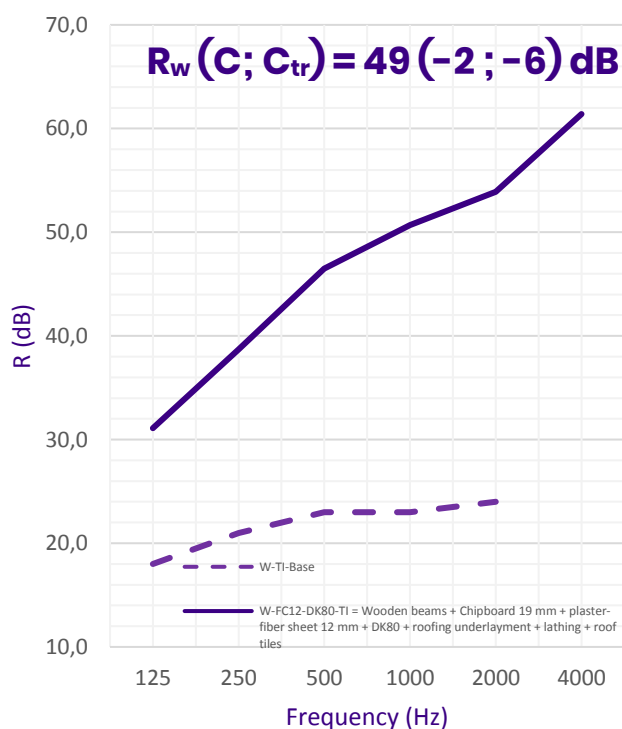


SYSTEM COMPOSITION

1. Wooden beams
2. Chipboard th. 19mm
3. Fiber cement sheet th. 12 mm
4. Acoustic panel PHONOTECH DK80
5. Roofing underlayment
6. Lathing
7. Roof tiles

Insulation



R (dB) per octave band (Hz)

Frequency (Hz)	125	250	500	1000	2000	4000
R (dB)	31,1	38,7	46,5	50,7	53,9	61,4

System	Sound reduction			Thermal R (m ² .K/W)	U (W/m ² .K)	Weight (kg/m ²)	Thickness (mm)	PV
	R _w (dB)	R _A (dB)	R _{A,tr} (dB)					
W-FC12-DK80-TI	49	47	43	2,75	0,36	88,45	213	CEDIA calculus

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