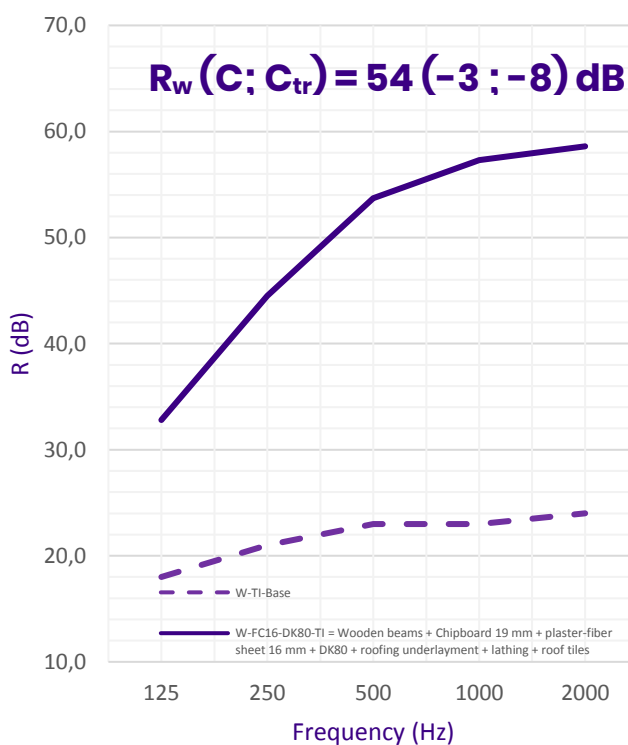


SYSTEM COMPOSITION

1. Wooden beams
2. Chipboard th. 19mm
3. Fiber cement sheet th. 16 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
R (dB)	32,8	44,5	53,7	57,3	58,6

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-FC16-DK80-TI	54	51	46	2,78	0,36	92,59	217	CEDIA calculus

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