

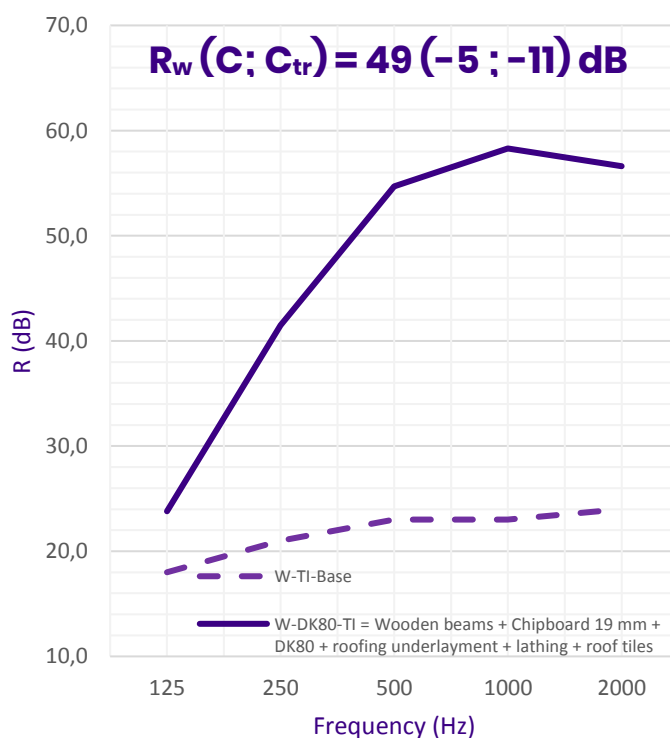
SYSTEM COMPOSITION

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

R (dB) per octave band (Hz)

Frequency (Hz)	125	250	500	1000	2000
R (dB)	23,8	41,5	54,7	58,3	56,6

Insulation



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-DK80-TI	49	44	38	2,68	0,37	76,03	201	CEDIA calculus

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