

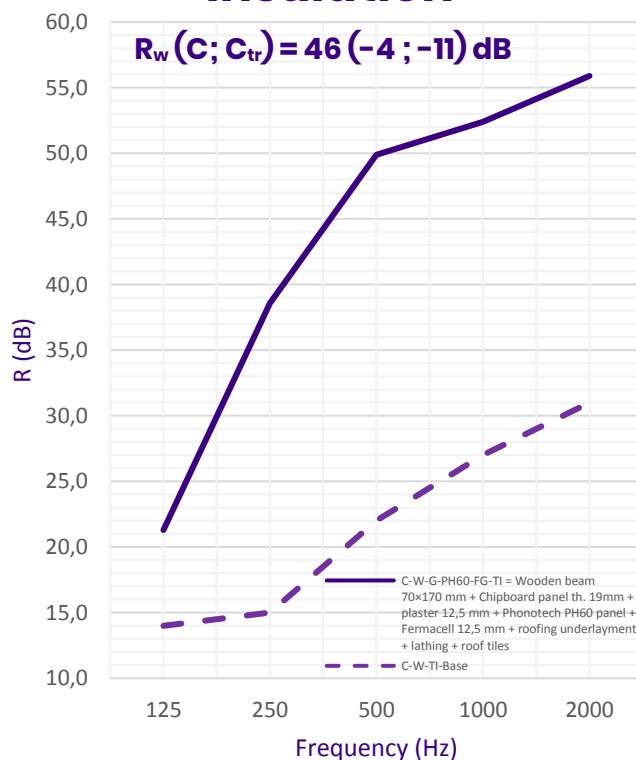
SYSTEM COMPOSITION

- 1 Wooden beams 70x170 mm
- 2 Chipboard board th. 19mm
- 3 Plaster th. 12,5 mm
- 4 Acoustic panel PHONOTECH PH60
- 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)	21,3	38,6	49,9	52,4	55,9

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-G-PH60-FG-TI	46	42	35	2,140	0,47	98,97	97,5