

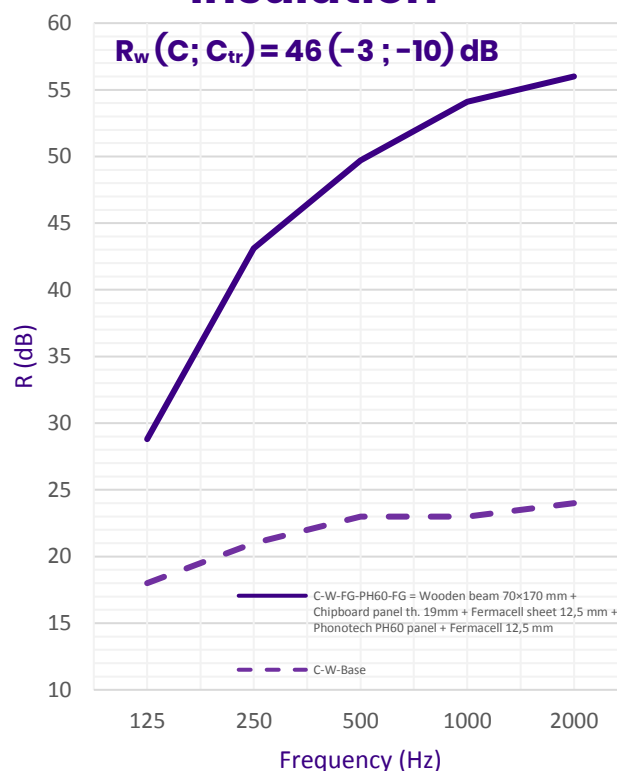
SYSTEM COMPOSITION

1. Wooden beams 70x170 mm
2. Chipboard board th. 19mm
3. Fermacell sheet th. 12,5 mm
4. Acoustic panel PHONOTECH PH40
5. Fermacell sheet 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)	22,6	38,4	48,6	51,9	55,8

Insulation



sSystem	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-PH40-FG-TI	46	43	36	1,570	0,64	98,17	87,5