

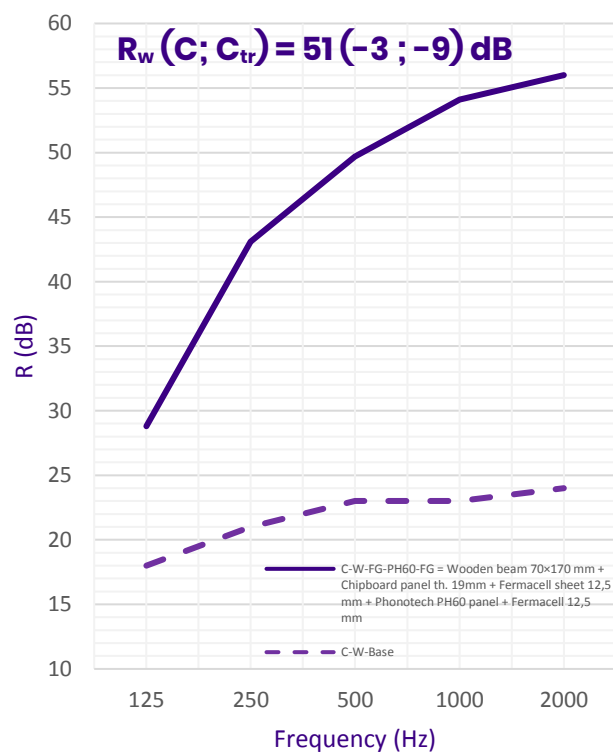
### SYSTEM COMPOSITION

1. Wooden beam 70x170 mm
2. Chipboard panel th. 19mm
3. Gypsum board th. 12,5 mm
4. Acoustic panel PHONOTECH PH60
5. Gypsum board th. 12,5 mm

### R (dB) per octave band (Hz)

Frequency (Hz)	125	250	500	1000	2000
R (dB)	28,8	43,1	49,7	54,1	56,0

### Insulation



System	Sound reduction			Thermal R. (m <sup>2</sup> .K/W)	U (W/m <sup>2</sup> .K)	Weight (kg/m <sup>2</sup> )	Thickness (mm)
	R <sub>w</sub> (dB)	R <sub>A</sub> (dB)	R <sub>A,tr</sub> (dB)				
<b>C-W-FG-PH60-FG</b>	51	48	42	2,140	0,47	57,15	97,5