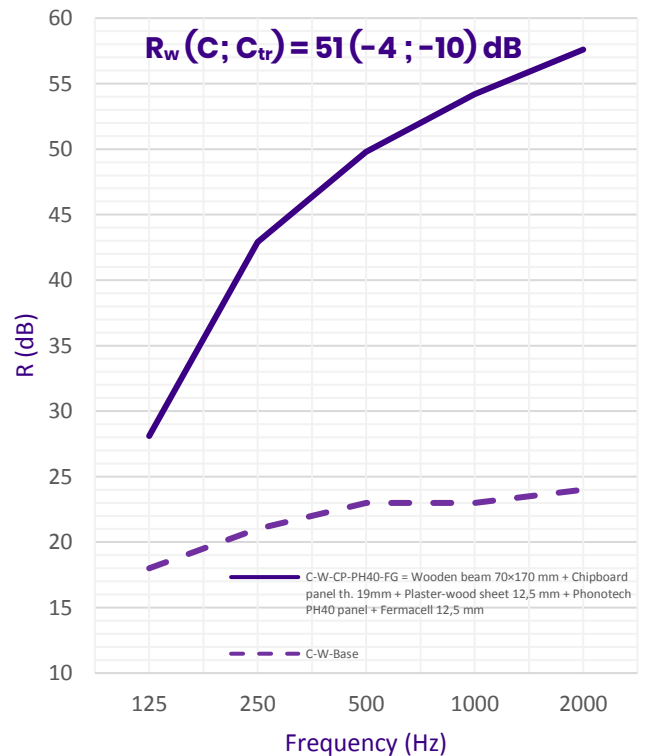


**SYSTEM COMPOSITION**

1. Wooden beam 70x170 mm
2. Chipboard panel th. 19mm
3. Plaster-wood board th. 12,5 mm
4. Acoustic panel PHONOTECH PH40
5. Gypsum board th. 12,5 mm

**Insulation**



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

Frequency (Hz)	125	250	500	1000	2000
<b>R (dB)</b>	28,1	42,9	49,8	51,2	57,6

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-CP-PH40-FG</b>	51	57	41	1,580	0,63	69,45	87

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