

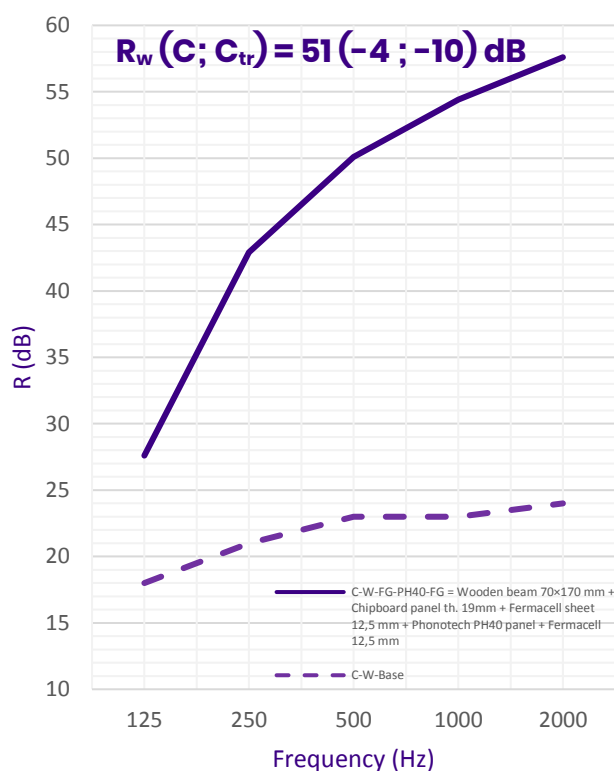
### SYSTEM COMPOSITION

1. Wooden beam 70x170 mm
2. Chipboard panel th. 19mm
3. Fermacell sheet th. 12,5 mm
4. Acoustic panel PHONOTECH PH40
5. Fermacell sheet th. 12,5 mm

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

Frequency (Hz)	125	250	500	1000	2000
<b>R (dB)</b>	27,6	42,9	50,1	54,4	57,6

### Insulation



System	Sound reduction			Thickness (mm)
	R <sub>w</sub> (dB)	R <sub>A</sub> (dB)	R <sub>A,tr</sub> (dB)	
<b>C-W-FG-PH40-FG</b>	51	57	41	87,5