

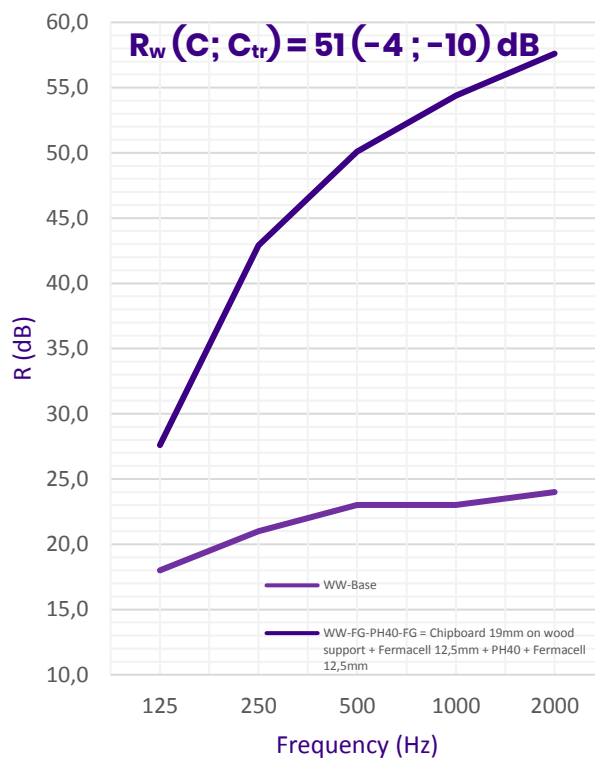
**SYSTEM COMPOSITION**

1. Chipboard panel th. 19mm
2. Gypsum board th. 12,5 mm
3. Acoustic panel PHONOTECH PH40
4. Gypsum board 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			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>WW-FG-PH40-FG</b>	51	47	41	1,590	0,63	58,31	87,5