

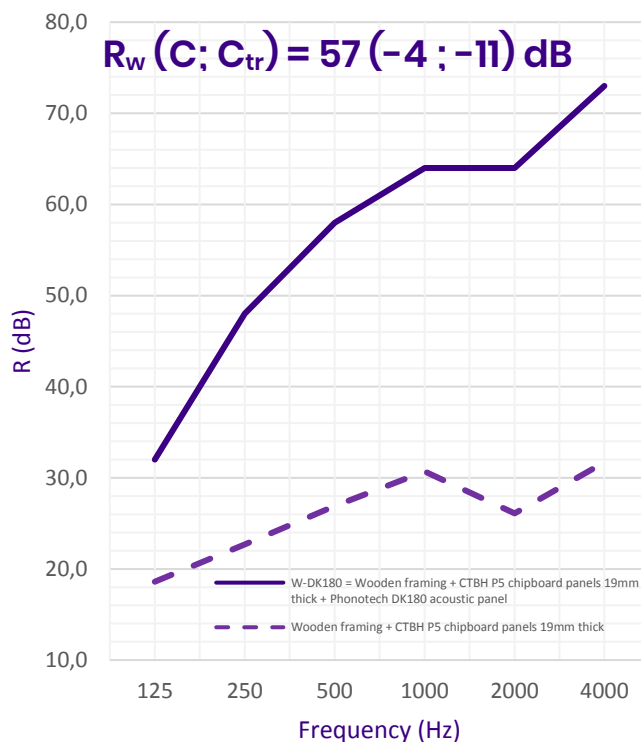
**SYSTEM COMPOSITION**

1. Wooden frame
2. Particle board CTBH P5 th. 19mm
3. Acoustic panel PHONOTECH DK180

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

Frequency (Hz)	125	250	500	1000	2000	4000
<b>R(dB)</b>	32,0	48,0	58,0	64,0	64,0	73,0

**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)	PV
	Rw (dB)	RA (dB)	RA,tr (dB)					
<b>W-DK180</b>	57	53	46	5,54	0,18	41,63	221	Calcul CEDIA