

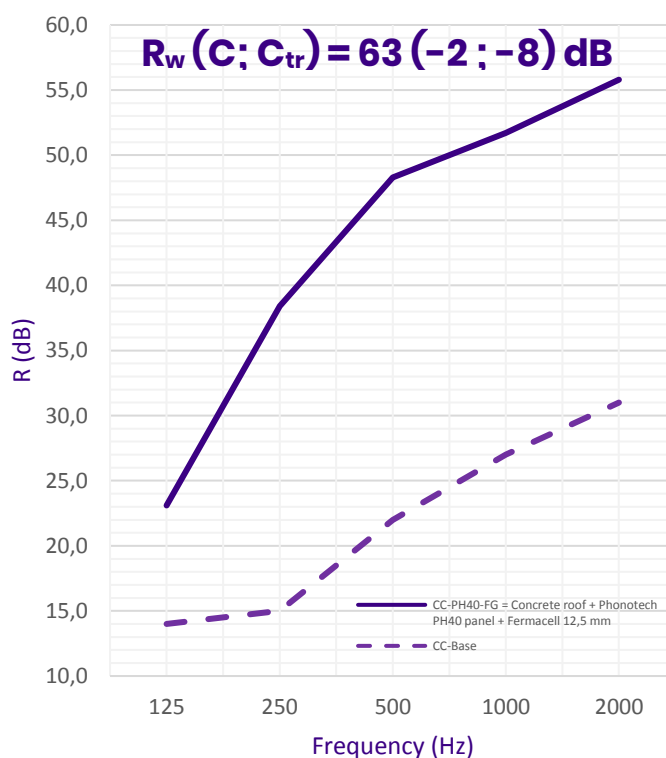
**SYSTEM COMPOSITION**

1. Concrete roof th. 100 m
2. Acoustic panel PHONOTECH PH40
3. Gypsum board th. 12,5 mm

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

Frequency (Hz)	125	250	500	1000	2000
<b>R (dB)</b>	42,8	51,8	62,9	74,4	80,0

**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>CC-PH40-FG</b>	63	61	55	1,40	0,71	35,40	75