

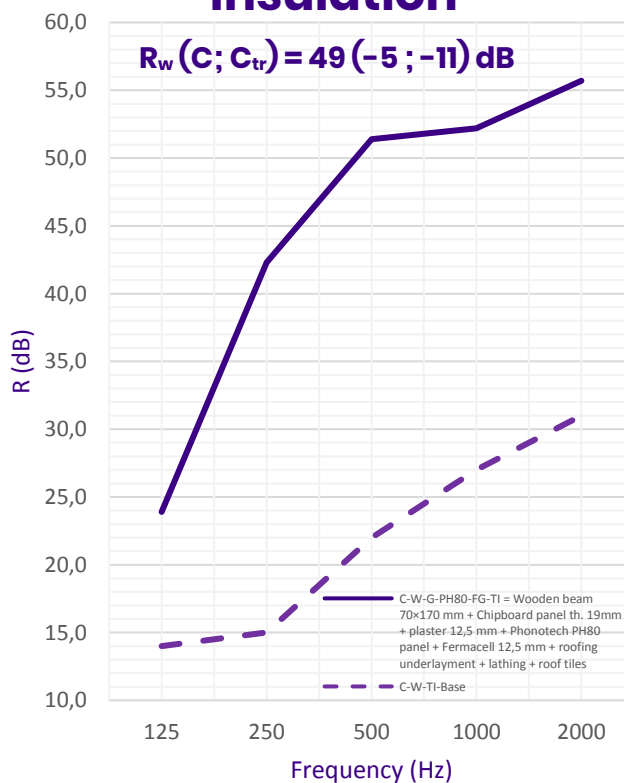
## SYSTEM COMPOSITION

1. Wooden beams 70x170 mm
2. Chipboard board th. 19mm
3. Plaster th. 12,5 mm
4. Acoustic panel PHONOTECH PH80
5. Gypsum board th. 12,5 mm
6. Roofing underlayment
7. Lathing
8. Roof tiles

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

Frequency (Hz)	125	250	500	1000	2000
R (dB)	23,9	42,3	51,4	52,2	55,7

## 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>C-W-G-PH80-FG-TI</b>	49	44	38	2,720	0,38	99,77	117,5

### ADDRESS

Zoning Industriel les Plénesses  
Rue des Waides 8, 4890 Thimister  
Belgium

### WEBSITE

www.phonotech.com  
E-MAIL  
info@phonotech.com

### PHONE

+32 (0) 87 33 33 30  
FAX  
+32 (0) 87 78 52 30