



SYSTEME COMPOSITION

- 1. Wooden beam 70x170 mm
- 2. Chipboard panel th. 19mm
- 3. Fermacell sheet th. 12,5 mm
- 4. Acoustic panel PHONOTECH PH80
- 5. Fermacell sheet th. 12,5 mm

Insulation

$R_w (C; C_{tr}) = 53 (-3 ; -8) \text{ dB}$

R (dB) per octave band (Hz)

Frequency (Hz)	125	250	500	1000	2000
R (dB)	31,4	46,8	51,2	53,9	57,5

System	Sound reduction			Thickness (mm)
	R _w (dB)	R _A (dB)	R _{A,tr} (dB)	
C-W-FG-PH80-FG	53	50	45	117,5

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