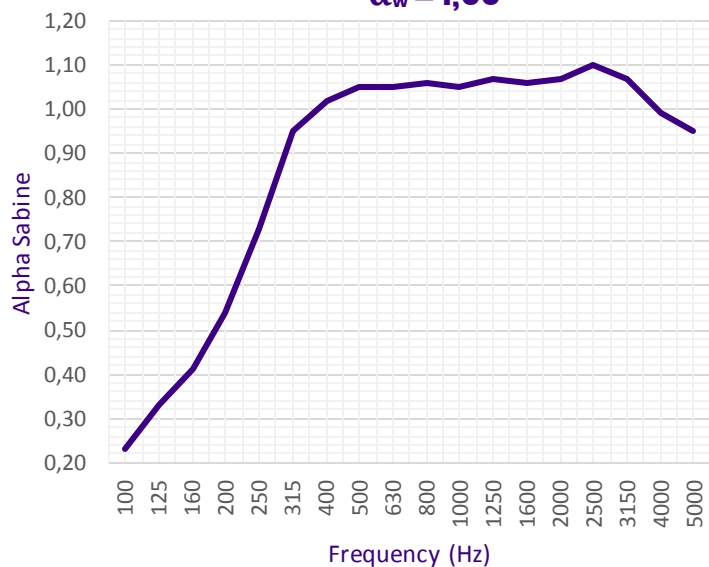


## SYSTEM COMPOSITION

1. Perforated tray 90/500 th. 0,75 mm
2. Panolene cladding th. 90 mm
3. Particle board CTBH P5 th. 22mm
4. Acoustic panel PHONOTECH DK80

## Absorption

$$\alpha_w = 1,00$$

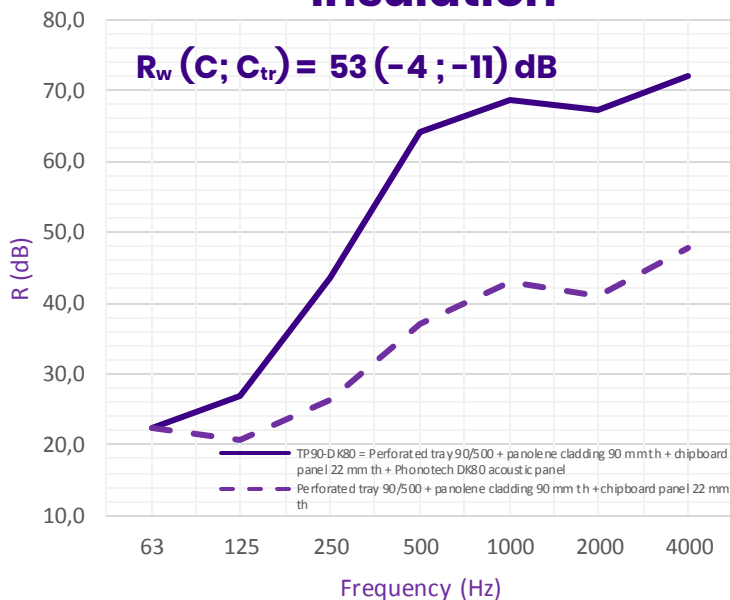


$\alpha_p$  per octave band (Hz)

Frequency (Hz)	125	250	500	1000	2000	4000
$\alpha_p$	0,30	0,75	1,00	1,00	1,00	1,00

## Insulation

$$R_w (C; C_{tr}) = 53 (-4; -11) \text{ dB}$$



R (dB) per octave band (Hz)

Frequency (Hz)	63	125	250	500	1000	2000	4000
R (dB)	25,0	26,9	43,6	64,0	68,6	67,2	72,0

System	Sound reduction			$\alpha_w$	Thermal R. (m <sup>2</sup> .K/W)	U (W/m <sup>2</sup> .K)	Weight (kg/m <sup>2</sup> )	Thickness (mm)	PV
	R <sub>w</sub> (dB)	RA (dB)	RA <sub>tr</sub> (dB)						
TP90-DK80	53	49	42	1,00	4,95	0,20	45,81	214	CEDIA (02/18)

### ADDRESS

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

### WEBSITE

[www.phonotech.com](http://www.phonotech.com)

### E-MAIL

[info@phonotech.com](mailto:info@phonotech.com)

### PHONE

+32 (0) 87 33 33 30

### FAX

+32 (0) 87 78 52 30