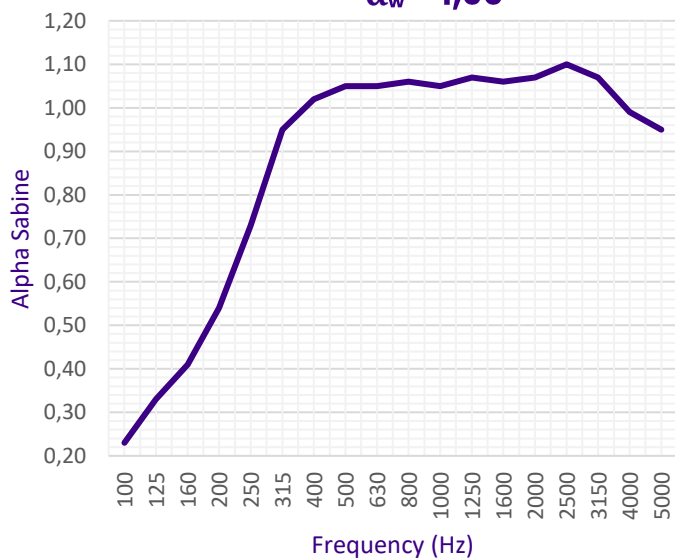


SYSTEM COMPOSITION

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 DK160

Absorption

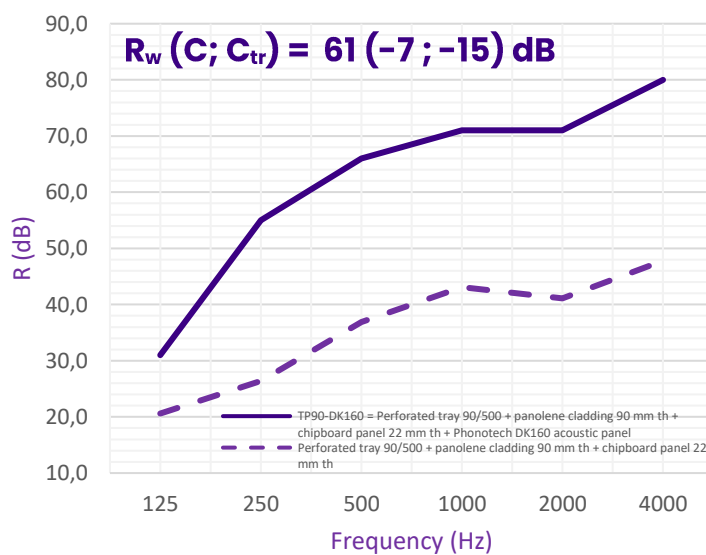
$$\alpha_w = 1,00$$



α_p per octave band (Hz)

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

Insulation



R (dB) per octave band (Hz)

Frequency (Hz)	125	250	500	1000	2000	4000
R (dB)	31,0	55,0	66,0	71,0	71,0	80,0

System	Sound reduction			α_w	Thermal R. (m ² .K/W)	U (W/m ² .K)	Weight (kg/m ²)	Thickness (mm)	PV
	Rw (dB)	RA (dB)	RA,tr (dB)						
TP90-DK160	61	54	46	1,00	7,23	0,14	51,74	294	Calcul CEDIA

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