

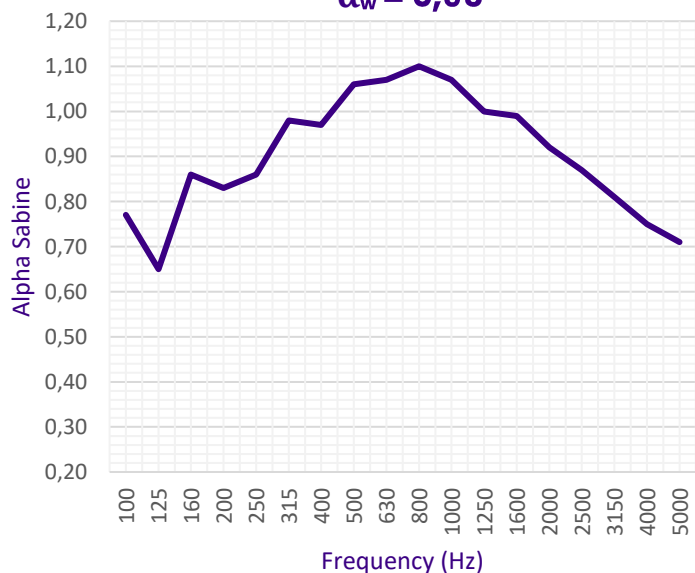


SYSTEM COMPOSITION

1. Perforated tray 160/600 th. 0,75 mm
2. Low density glasswool th. 160 mm
3. Particle board CTBH P5 th. 22mm
4. Acoustic panel PHONOTECH DK60

Absorption

$$\alpha_w = 0,95$$

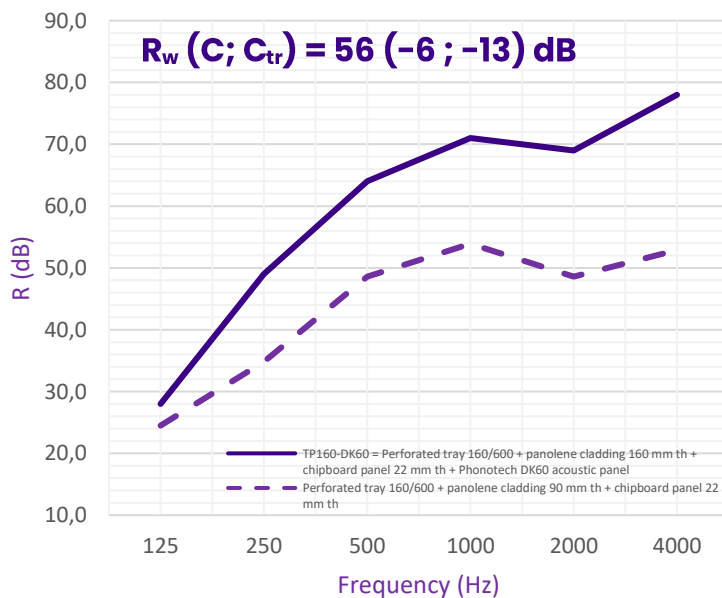


α_p per octave band (Hz)

Frequency (Hz)	125	250	500	1000	2000	4000
α_p	0,75	0,90	1,00	1,00	0,95	0,75

Insulation

$$R_w (C; C_{tr}) = 56 (-6 ; -13) \text{ dB}$$



R (dB) per octave band (Hz)

Frequency (Hz)	125	250	500	1000	2000	4000
R (dB)	28,0	49,0	64,0	71,0	69,0	78,0

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)						
TP160-DK60	56	50	43	0,95	7,13	0,14	48,81	264	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