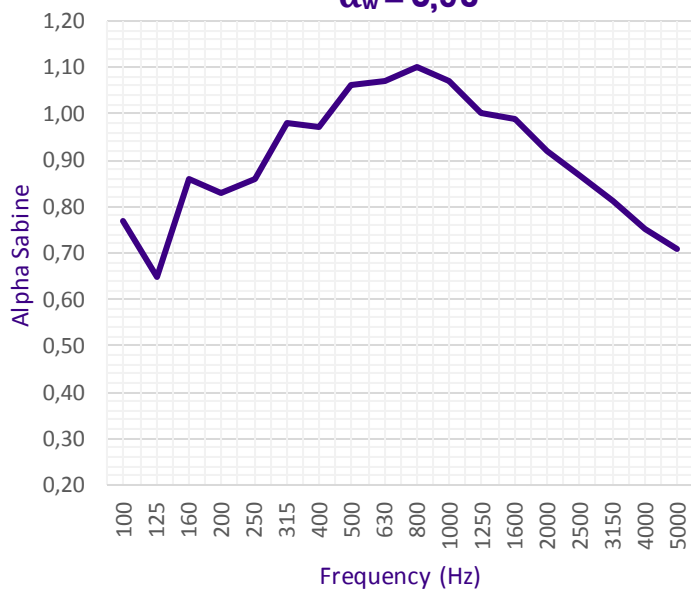


SYSTEM COMPOSITION

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 DK80

Absorption

$$\alpha_w = 0,95$$

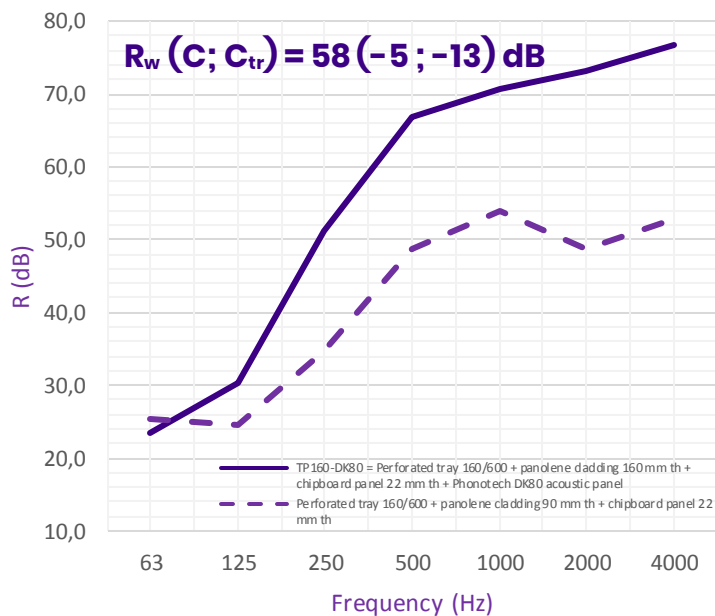


α_p per octave band (Hz)

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

Insulation

$$R_w (C; C_{tr}) = 58 (-5; -13) \text{ dB}$$



R (dB) per octave band (Hz)

Fréquences (Hz)	63	125	250	500	1000	2000	4000
R (dB)	23,4	30,2	51,1	66,9	70,7	73,2	76,6

System	Sound reduction			α_w	Thermal R. (m ² .K/W)	U (W/m ² .K)	Weight (kg/m ²)	Thickness (mm)	PV
	R _w (dB)	RA (dB)	RA _{tr} (dB)						
TP160-DK80	58	53	45	0,95	7,70	0,13	50,29	284	CEDIA (03/18)

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