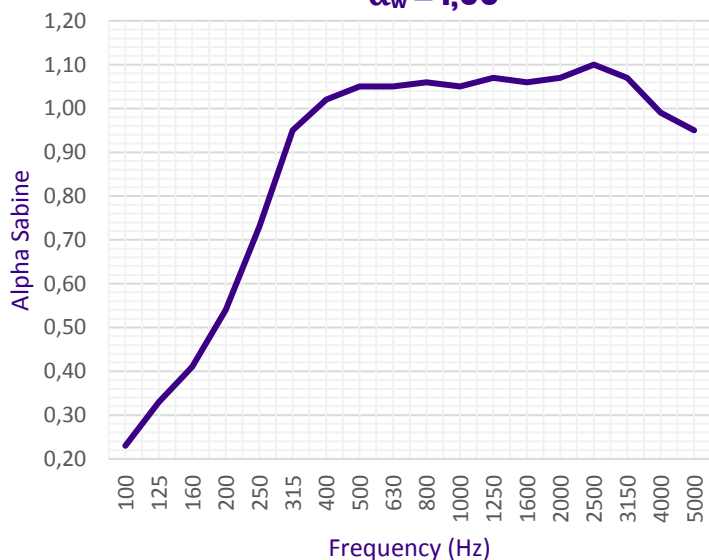


SYSTEM COMPOSITION

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 DK100

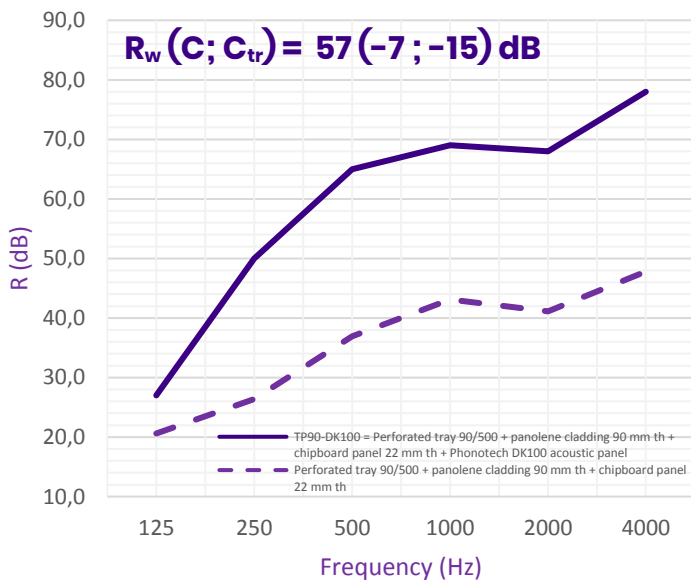
Absorption

$$\alpha_w = 1,00$$



Insulation

$$R_w (C; C_{tr}) = 57 (-7; -15) \text{ dB}$$



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

R (dB) per octave band (Hz)

Frequency (Hz)	125	250	500	1000	2000	4000
R (dB)	27,0	50,0	65,0	69,0	68,0	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)						
TP90-DK100	57	50	42	1,00	5,53	0,18	47,29	234	Calcul CEDIA

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