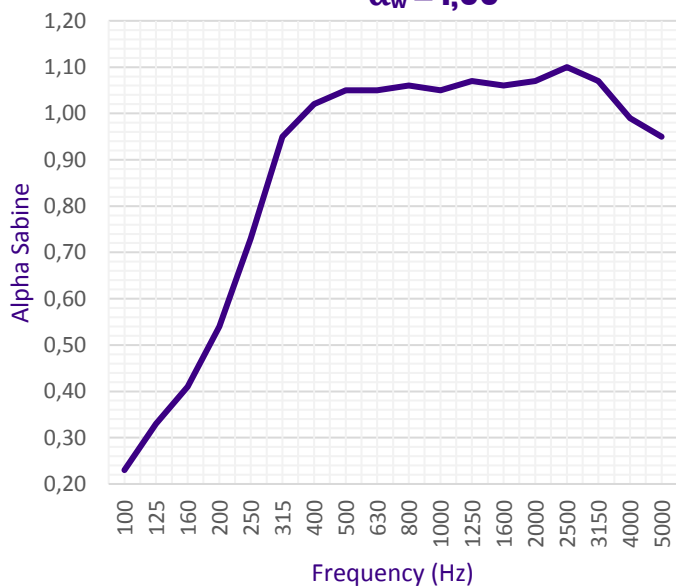


SYSTEM COMPOSITION

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 DK180

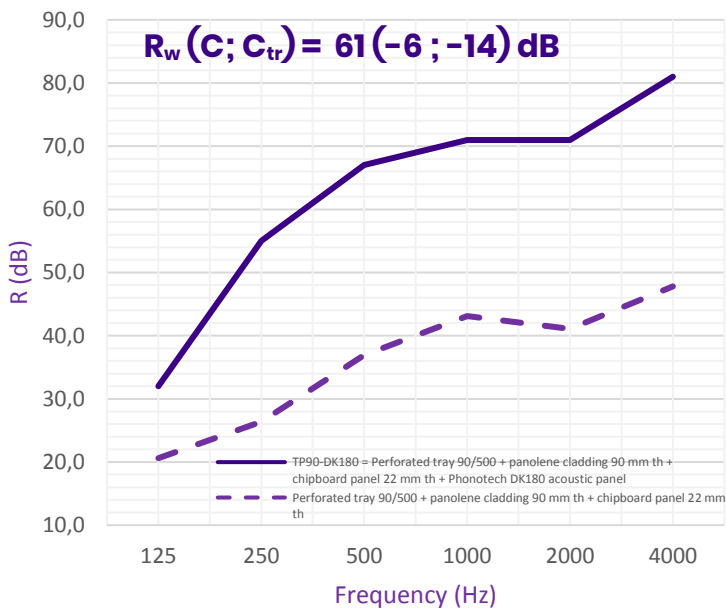
Absorption

$\alpha_w = 1,00$



Insulation

$R_w (C; C_{tr}) = 61 (-6 ; -14) \text{ dB}$



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

Frequency (Hz)	125	250	500	1000	2000	4000
R (dB)	32,0	55,0	67,0	71,0	71,0	81,0

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)						
TP90-DK180	61	55	47	1,00	7,81	0,13	53,23	314	Calcul CEDIA

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