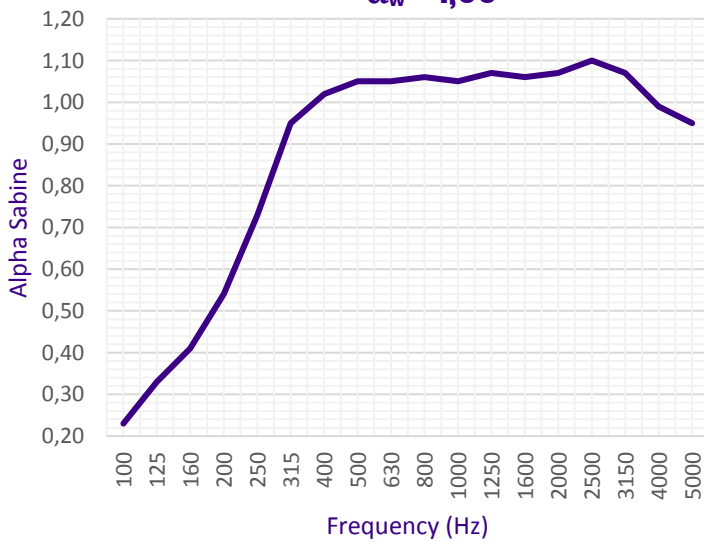


SYSTEM COMPOSITION

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 DK220

Absorption

$\alpha_w = 1,00$

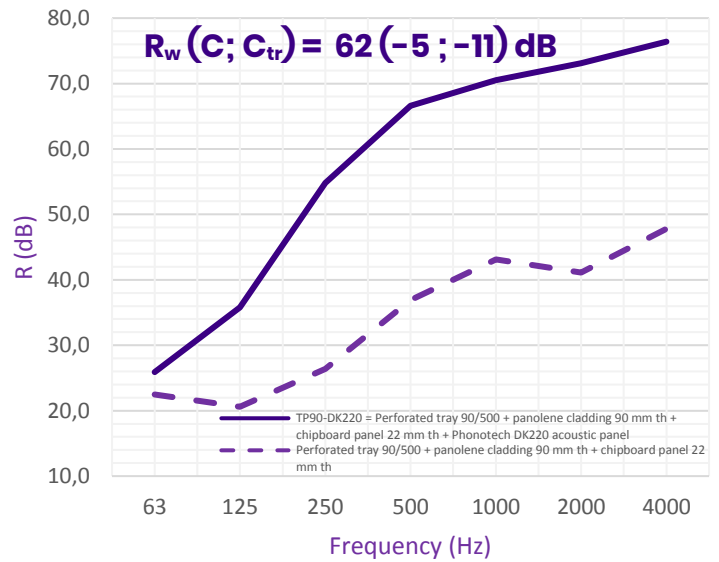


α_p per octave band (Hz)

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

Insulation

$R_w (C; C_{tr}) = 62 (-5 ; -11) \text{ dB}$



R (dB) per octave band (Hz)

Frequency (Hz)	63	125	250	500	1000	2000	4000
R (dB)	25,9	35,8	54,8	66,6	70,5	73,1	76,4

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-DK220	62	57	51	1,00	8,95	0,11	55,05	354	CEDIA (03/18)

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