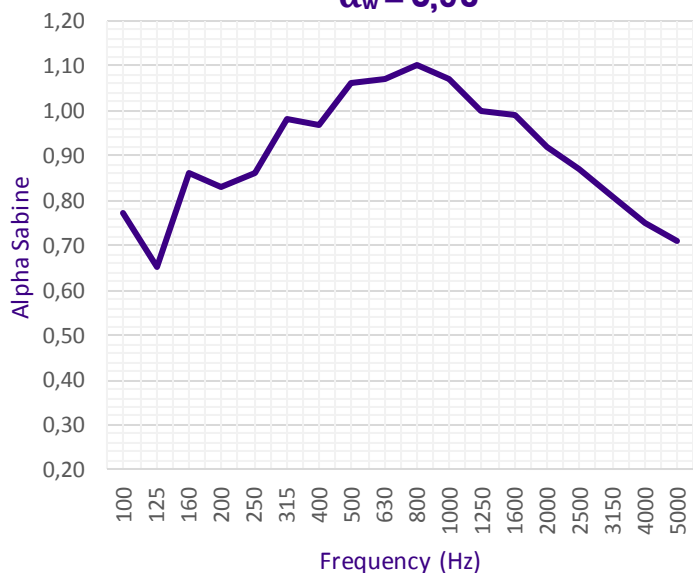


SYSTEM COMPOSITION

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 DK220

Absorption

$$\alpha_w = 0,95$$

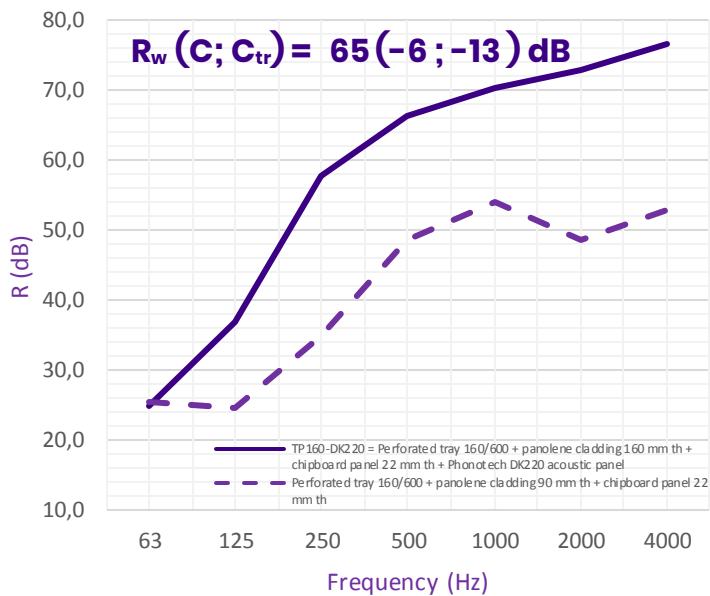


α_p per octave band (Hz)

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

Insulation

$$R_w (C; C_{tr}) = 65 (-6; -13) \text{ dB}$$



R (dB) per octave band (Hz)

Frequency (Hz)	63	125	250	500	1000	2000	4000
R (dB)	24,8	36,9	57,7	66,3	70,3	72,9	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-DK220	65	59	52	0,95	11,70	0,09	59,53	424	CEDIA (03/18)

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