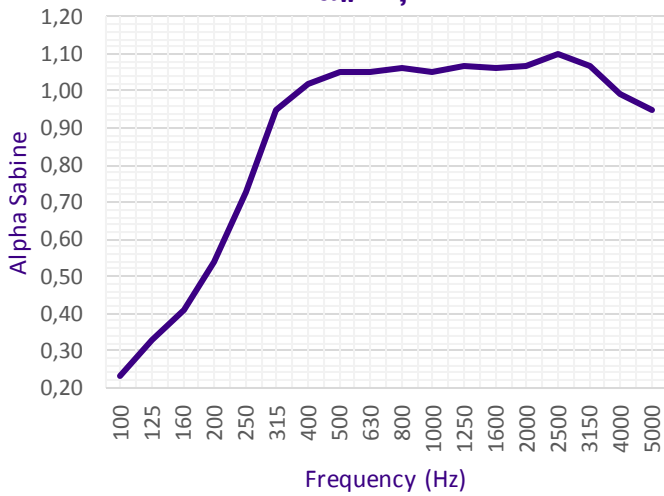


SYSTEM COMPOSITION

1. Perforated tray 90/500 th. 0,75 mm
2. Panolene cladding th.90 mm
3. Particle board CTBH P5 th. 22 mm
4. Acoustic panel PHONOTECH DK140
5. Particle board CTBH P5 th. 22 mm

Absorption

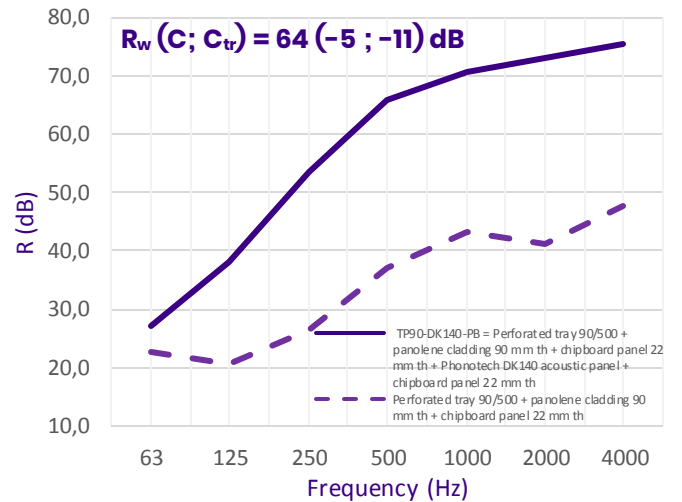
$\alpha_w = 1,00$



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 (dB) per octave band (Hz)

Frequency (Hz)	63	125	250	500	1000	2000	4000
R (dB)	27,0	38,2	53,6	65,8	70,6	73,0	75,4

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)	R _A (dB)	R _{A,tr} (dB)						
TP90-DK140-PB	64	59	53	1,00	6,79	0,15	64,67	296	CEDIA(02/18)

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