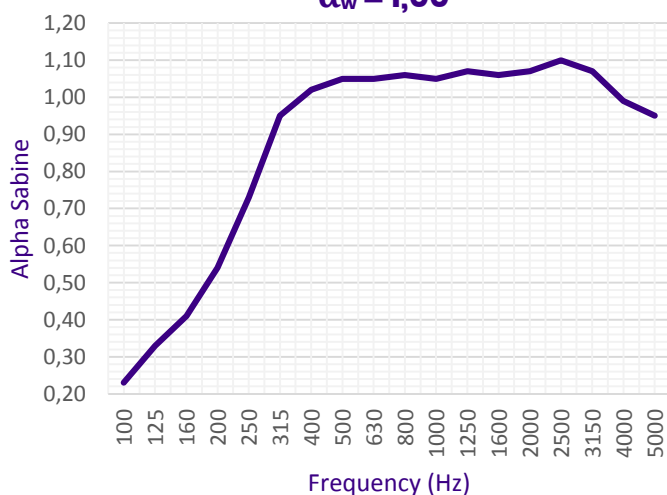


SYSTEM COMPOSITION

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. Fiber ciment panel th. 22 mm

Absorption

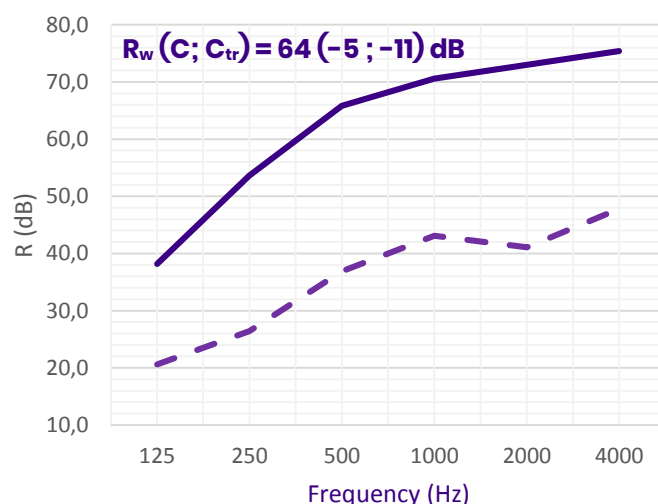
$\alpha_w = 1,00$



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



$R_w(C; C_{tr}) = 64 (-5; -11)$ dB

Frequency (Hz)	125	250	500	1000	2000	4000
R (dB)	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)	RA (dB)	RA, tr (dB)						
TP90-DK140-FCB	64	59	53	1,00	6,79	0,15	73,03	296	CEDIA(02/18)

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