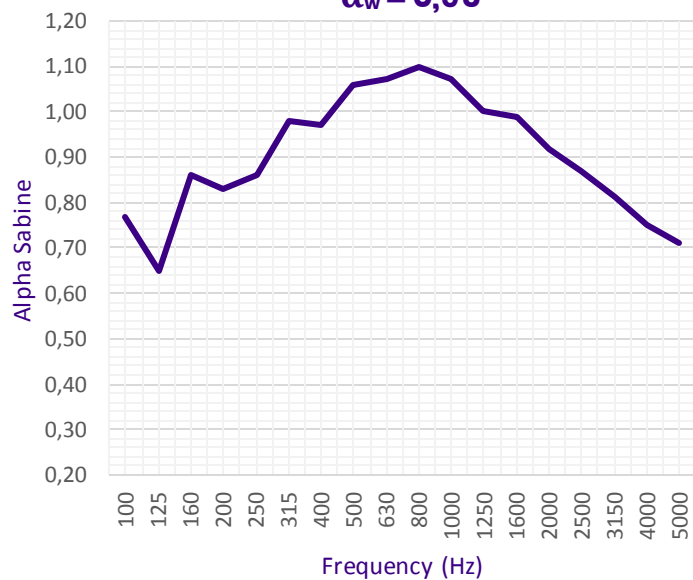


## SYSTEM COMPOSITION

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 DK140

## Absorption

$\alpha_w = 0,95$

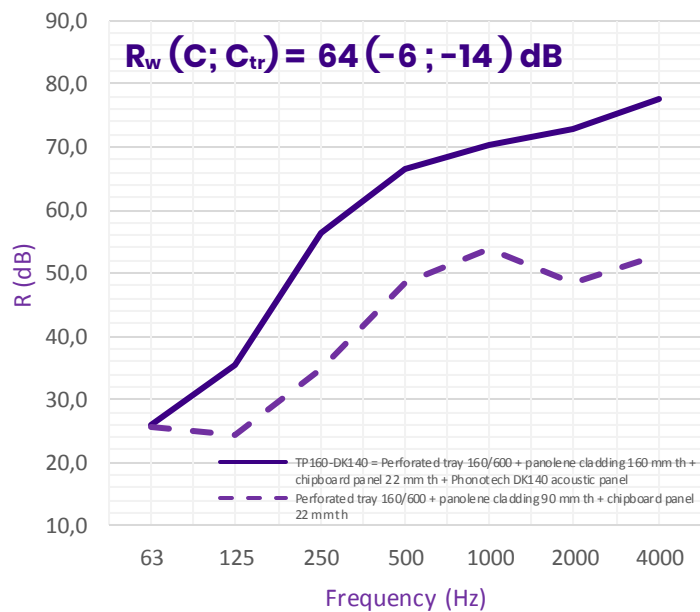


$\alpha_p$  per octave band (Hz)

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

## Insulation

$R_w (C; C_{tr}) = 64 (-6 ; -14) \text{ dB}$



R (dB) per octave band (Hz)

Frequency (Hz)	63	125	250	500	1000	2000	4000
R (dB)	26,0	35,5	56,5	66,4	70,3	72,9	77,7

System	Sound reduction			$\alpha_w$	Thermal R. (m <sup>2</sup> .K/W)	U (W/m <sup>2</sup> .K)	Weight (kg/m <sup>2</sup> )	Thickness (mm)	PV
	R <sub>w</sub> (dB)	RA (dB)	RA, tr (dB)						
TP160-DK140	64	58	50	0,95	9,41	0,11	54,74	344	CEDIA (03/18)

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