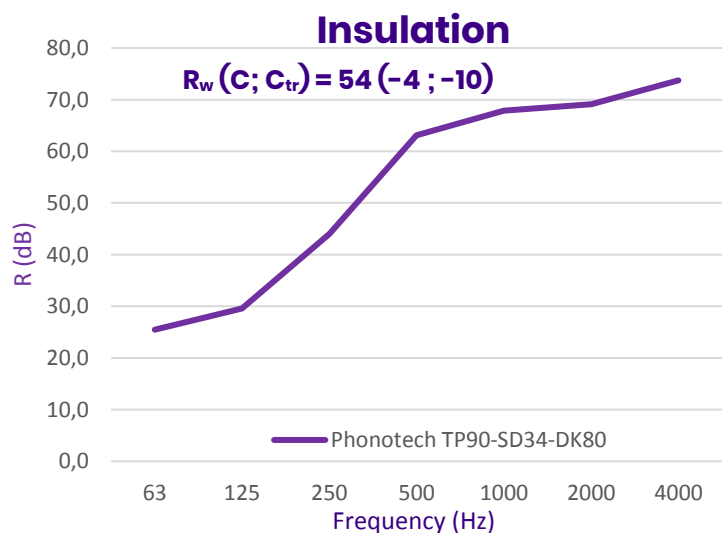
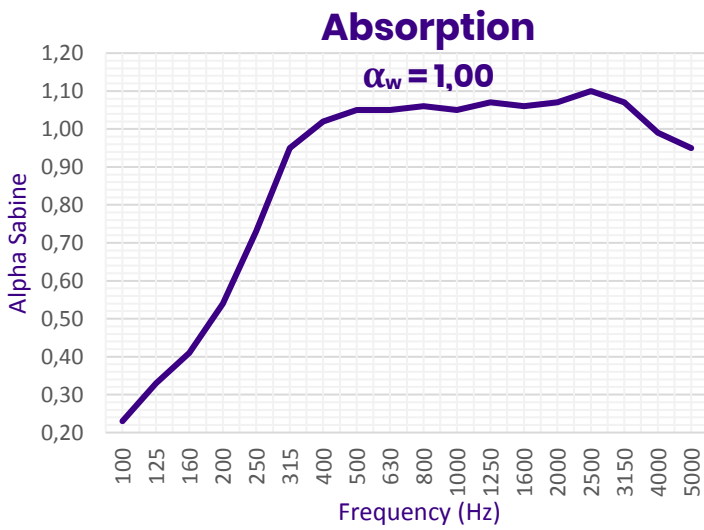


SYSTEM COMPOSITION

- 1. Perforated tray 90/500 0,75 mm
- 2. Glasswool 90 mm 15 kg/m³
- 3. Corrugated steel sheet 34 SR
- 4. Particle board CTBH P5 22 mm
- 5. Acoustic panel PHONOTECH DK80
- 6. Geotextile
- 7. PVC membrane 15 G



R (dB) per frequency (Hz)

Frequency (Hz)	50	63	80	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
R (dB) per frequency third	27,9	30,7	22,2	28,4	28,7	32,9	40,4	46,2	54,0	60,5	64,1	67,1	68,1	68,3	67,3	68,4	69,0	70,2	71,6	74,5	76,5
Frequency (Hz)	63		125			250			500			1000			2000			4000			
R (dB) per frequency	25,5		29,6			44,0			63,1			67,9			69,1			73,7			

α_p per frequency (Hz)

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

System	Sound insulation			α_w	Test Report
	R _w (dB)	R _A (dB)	R _{A,tr} (dB)		
TP90-SD34-DK80	54	50	44	1,00	CEDIA (06/2020)