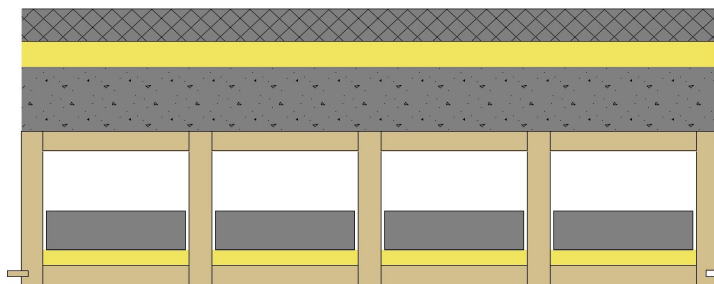


Schalldämm-Mass

4133

mm kg/m²



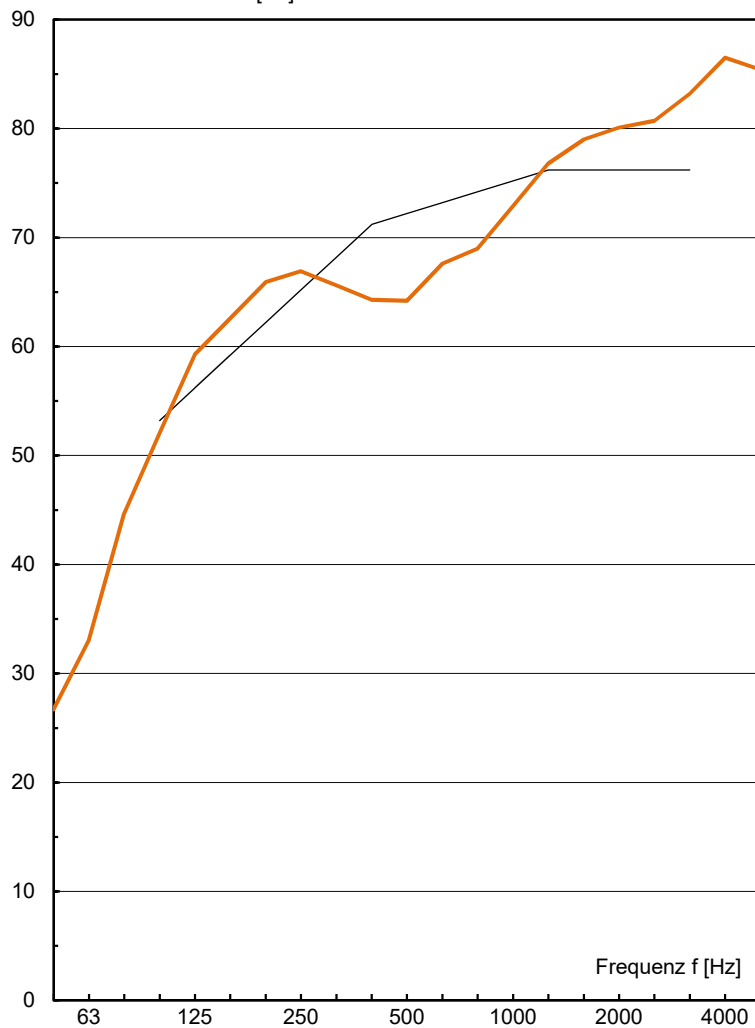
Zementestrich	50	120
Isover Akustic EP 1, s' ≤ 7MN/m ³	40	4
Splitt	100	150
LIGNATUR Flächenelement	240	42
silence12		25

430 341

$$R_w (C ; C_{tr}) = 72 (-1 ; -5) \text{ dB}$$

(C = C₁₀₀₋₃₁₅₀ ; C_{tr} = C_{tr,100-3150})

Schalldämm-Mass R [dB]



ift Rosenheim

R _w	72.2
C ₁₀₀₋₃₁₅₀	-1
C ₅₀₋₃₁₅₀	-8
C ₁₀₀₋₅₀₀₀	0
C ₅₀₋₅₀₀₀	-7
C _{tr,100-3150}	-5
C _{tr,50-3150}	-22
C _{tr,100-5000}	-5
C _{tr,50-5000}	-22

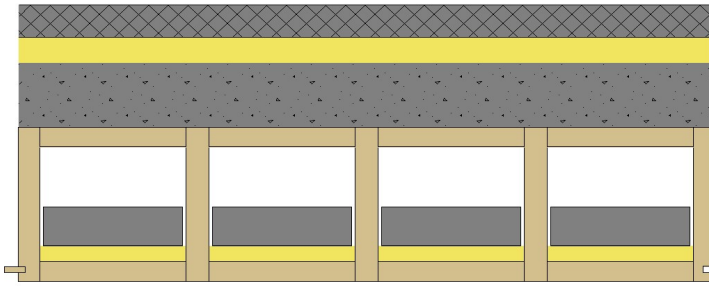
f [Hz]	R [dB]
50	26.7
63	33.1
80	44.7
100	52.1
125	59.3
160	62.6
200	65.9
250	66.9
315	65.6
400	64.3
500	64.2
630	67.6
800	69.0
1000	72.9
1250	76.8
1600	79.0
2000	80.1
2500	80.7
3150	83.2
4000	86.5
5000	85.4

Messung: 4133
 Datum: 12.07.13
 Prüffläche: 20.0 m²
 Volumen: 63.0 m³
 Abweichung:

Norm-Trittschallpegel

4133

mm kg/m²



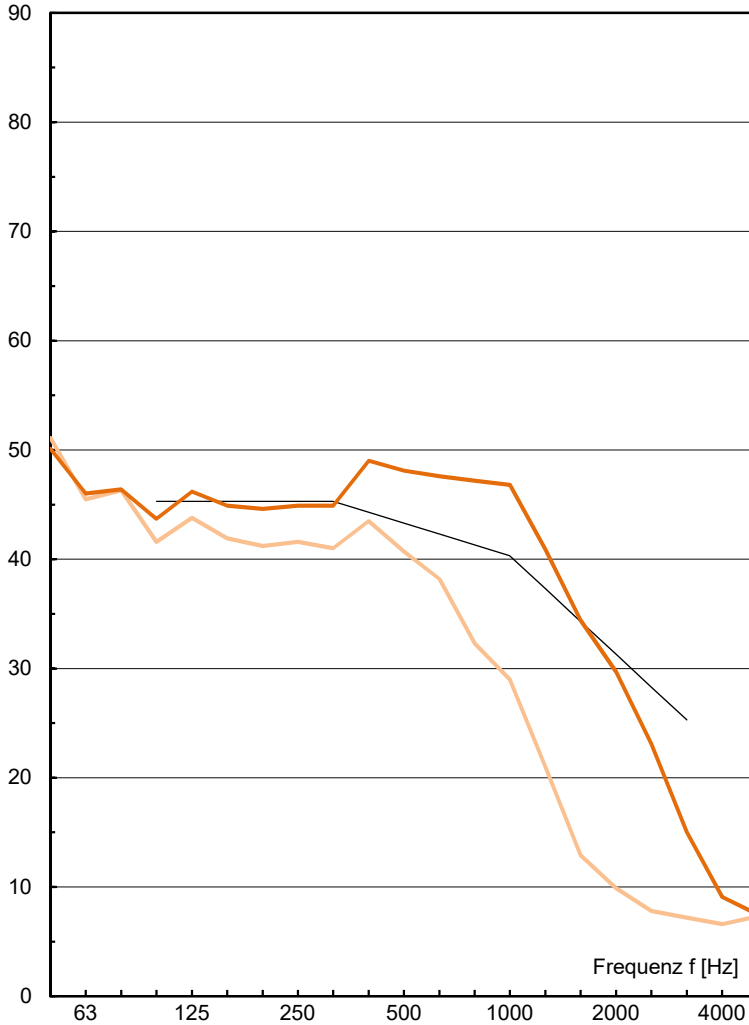
Zementestrich	50	120
Isover Akustic EP 1, s' ≤ 7MN/m ³	40	4
Splitt	100	150
LIGNATUR Flächenelement silence12	240	42
		25

430 341

$$L_{n,w} (C_1) = 44 (-2) \text{ dB}$$

(C₁ = C_{1,100-2500})

Norm-Trittschallpegel L_n [dB]



	ift Rosenheim	mit Parkett (orientierend)
L _{n,w}	43.3	36.7
C _{1,100-2500}	-2	-1
C _{1,50-2500}	-1	3
C _{1,50-250}	-4	3

f [Hz]	L _n [dB]	L _n [dB]
50	50.1	51.1
63	46.0	45.5
80	46.4	46.3
100	43.7	41.6
125	46.2	43.8
160	44.9	41.9
200	44.6	41.2
250	44.9	41.6
315	44.9	41.0
400	49.0	43.5
500	48.1	40.7
630	47.6	38.2
800	47.2	32.3
1000	46.8	29.0
1250	40.9	21.0
1600	34.4	12.9
2000	29.7	9.9
2500	23.1	7.8
3150	15.0	7.2
4000	9.1	6.6
5000	7.5	7.3

Messung:	4133	4133
Datum:	12.07.13	12.07.13
Bezugsfläche:	10.0 m ²	10.0 m ²
Volumen:	63.0 m ³	63.0 m ³
Abweichung:		