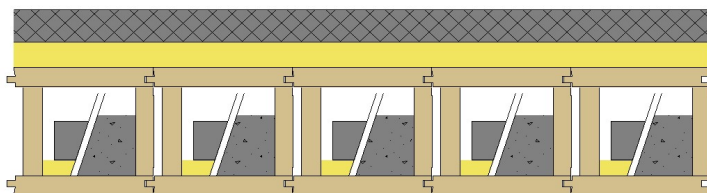


Schalldämm-Mass

4151

mm kg/m²



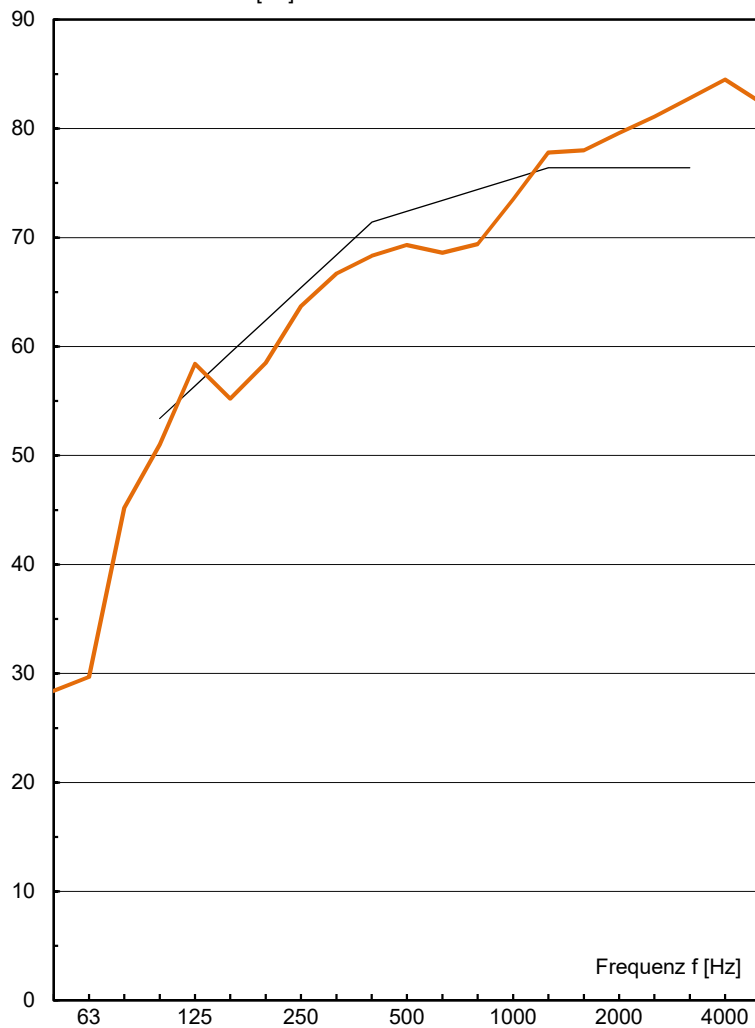
Zementestrich	50	120
Isover Akustic EP 1, s' ≤ 7MN/m³	40	4
LIGNATUR Kastenelement	200	47
silence12		25
mit Schüttung 75kg/m²		75

290 271

$$R_w (C ; C_{tr}) = 72 (-2 ; -6) \text{ dB}$$

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

Schalldämm-Mass R [dB]



ift Rosenheim

R _w	72.4
C ₁₀₀₋₃₁₅₀	-2
C ₅₀₋₃₁₅₀	-9
C ₁₀₀₋₅₀₀₀	-1
C ₅₀₋₅₀₀₀	-8
C _{tr,100-3150}	-6
C _{tr,50-3150}	-22
C _{tr,100-5000}	-6
C _{tr,50-5000}	-22

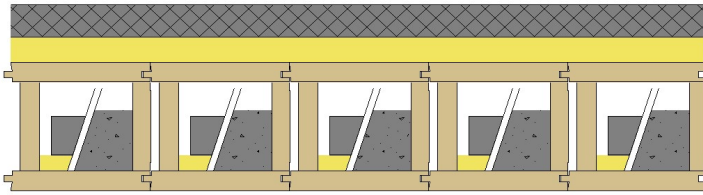
f [Hz]	R [dB]
50	28.4
63	29.7
80	45.2
100	51.0
125	58.4
160	55.2
200	58.5
250	63.7
315	66.7
400	68.3
500	69.3
630	68.6
800	69.4
1000	73.5
1250	77.8
1600	78.0
2000	79.6
2500	81.1
3150	82.8
4000	84.5
5000	82.4

Messung: **4151**
 Datum: 14.01.14
 Prüffläche: 20.0 m²
 Volumen: 63.0 m³
 Abweichung:

Norm-Trittschallpegel

4151

mm kg/m²

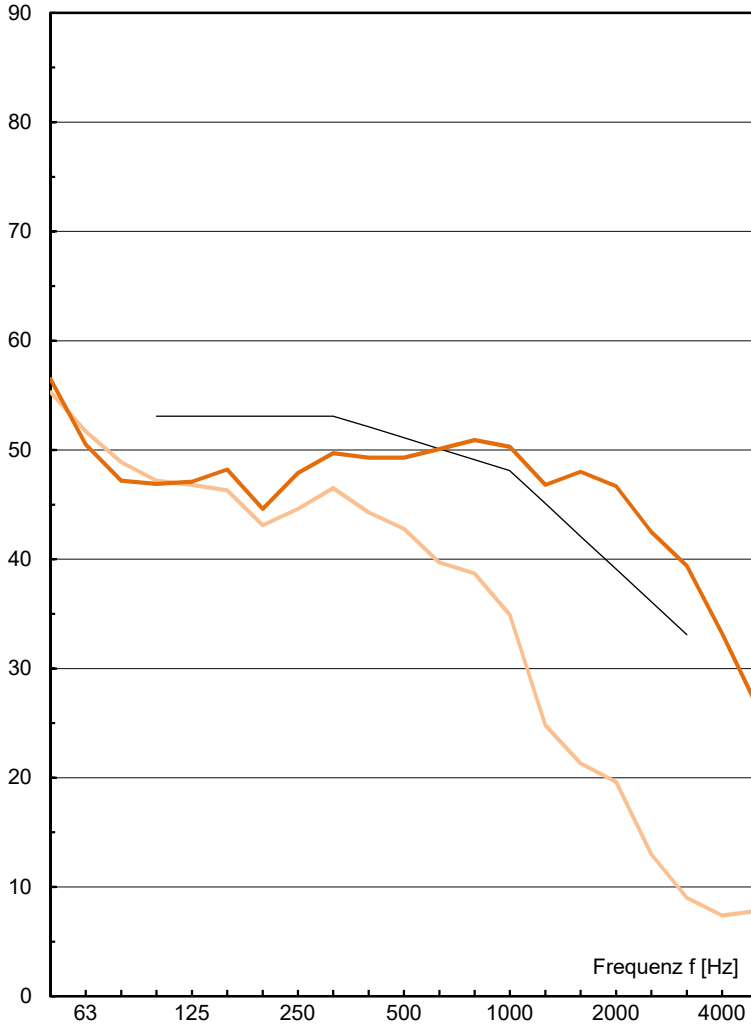


Zementestrich	50	120
Isover Akustic EP 1, s' ≤ 7MN/m ³	40	4
LIGNATUR Kastenelement silence12 mit Schüttung 75kg/m ²	200	47
		25
		75
	290	271

$$L_{n,w} (C_1) = 52 (-7) \text{ dB}$$

(C₁ = C_{1,100-2500})

Norm-Trittschallpegel L_n [dB]



	ift Rosenheim	mit Parkett (orientierend)
L _{n,w}	51.1	39.8
C _{1,100-2500}	-7	0
C _{1,50-2500}	-5	4
C _{1,50-250}	-8	4

f [Hz]	L _n [dB]	L _n [dB]
50	56.5	55.3
63	50.5	51.7
80	47.2	48.9
100	46.9	47.2
125	47.1	46.8
160	48.2	46.3
200	44.6	43.1
250	47.9	44.6
315	49.7	46.5
400	49.3	44.3
500	49.3	42.8
630	50.1	39.7
800	50.9	38.7
1000	50.3	34.9
1250	46.8	24.8
1600	48.0	21.3
2000	46.7	19.6
2500	42.5	13.0
3150	39.4	9.0
4000	33.2	7.4
5000	26.5	7.8

Messung:	4151	4151
Datum:	14.01.14	15.01.14
Bezugsfläche:	10.0 m ²	10.0 m ²
Volumen:	63.0 m ³	63.0 m ³
Abweichung:		