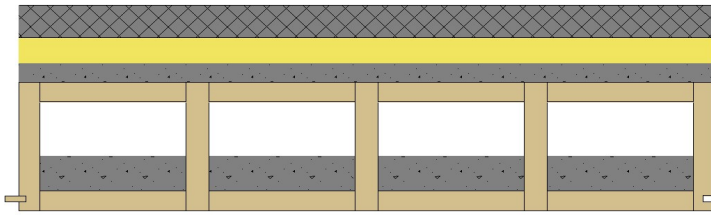


Schalldämm-Mass

4317

mm kg/m²



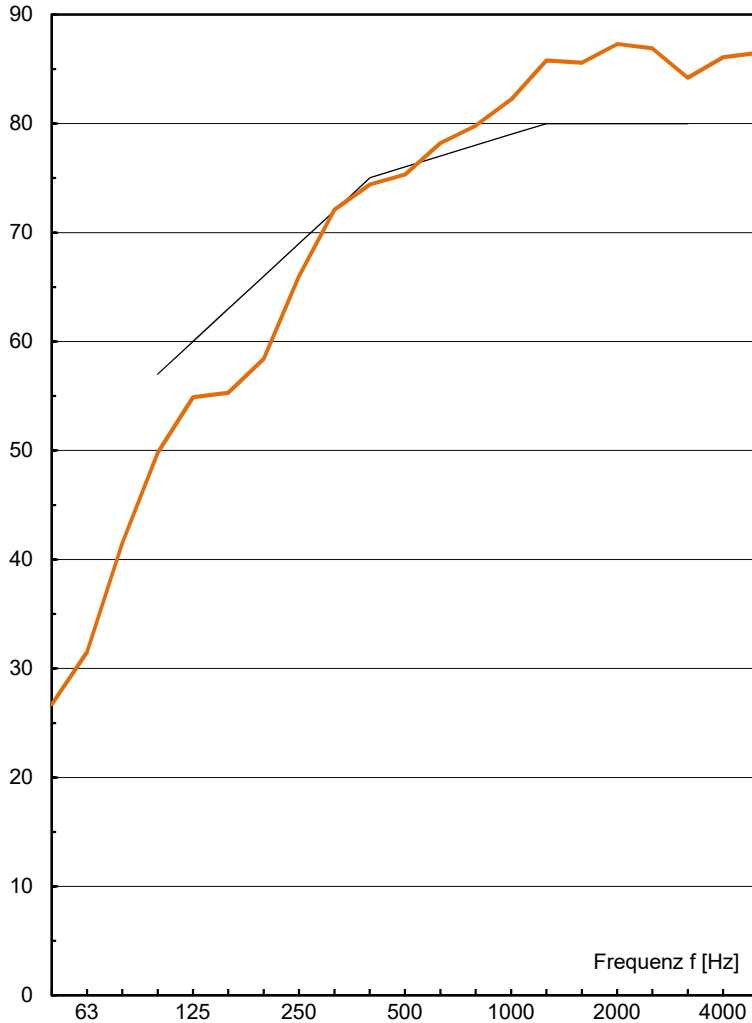
Zementestrich	50	120
Isover Akustic EP 1, s' ≤ 7MN/m³	40	4
Splitt	30	45
LIGNATUR Flächenelement mit Schüttung 50kg/m²	200	39
		50

320 258

$$R_w (C ; C_{tr}) = 76 (-4 ; -10) \text{ dB}$$

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

Schalldämm-Mass R [dB]



ift Rosenheim

R _w	76.0
C ₁₀₀₋₃₁₅₀	-4
C ₅₀₋₃₁₅₀	-13
C ₁₀₀₋₅₀₀₀	-3
C ₅₀₋₅₀₀₀	-12
C _{tr,100-3150}	-10
C _{tr,50-3150}	-26
C _{tr,100-5000}	-10
C _{tr,50-5000}	-26

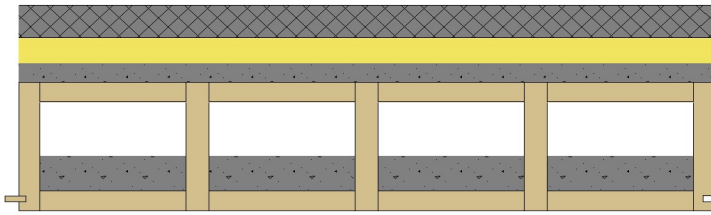
f [Hz]	R [dB]
50	26.7
63	31.5
80	41.5
100	49.8
125	54.9
160	55.3
200	58.4
250	66.0
315	72.1
400	74.4
500	75.3
630	78.2
800	79.8
1000	82.2
1250	85.8
1600	85.6
2000	87.3
2500	86.9
3150	84.2
4000	86.1
5000	86.5

Messung: **4317**
 Datum: 31.03.20
 Prüffläche: 20.0 m²
 Volumen: 62.0 m³
 Abweichung:

Norm-Trittschallpegel

4317

mm kg/m²



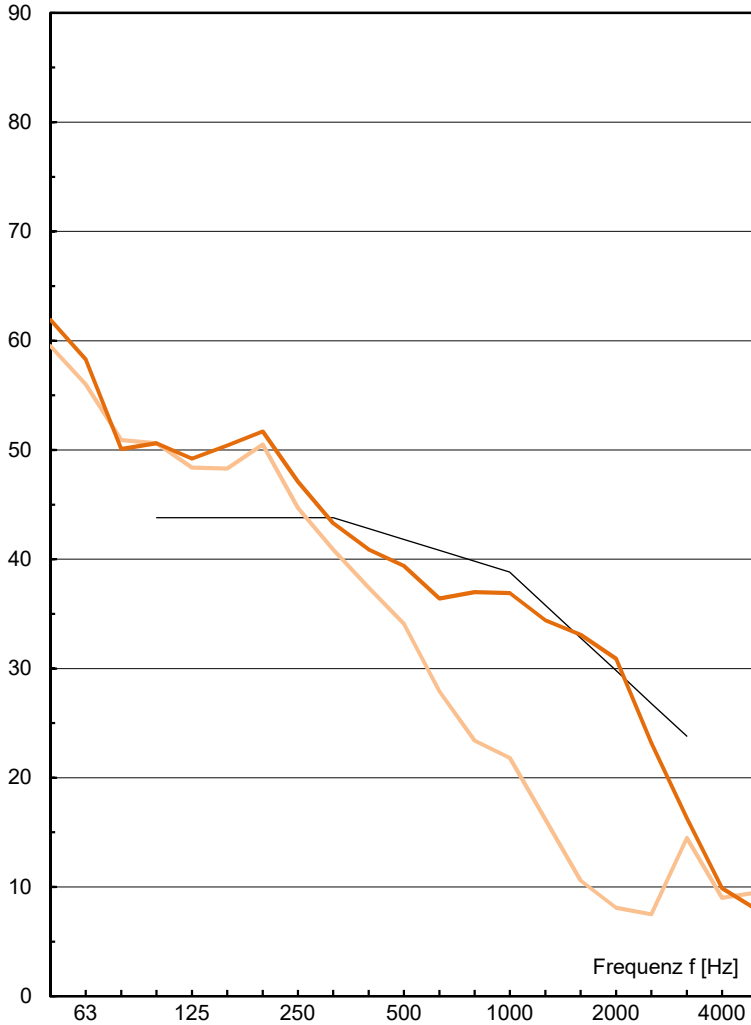
Zementestrich	50	120
Isover Akustic EP 1, s' ≤ 7MN/m ³	40	4
Splitt	30	45
LIGNATUR Flächenelement mit Schüttung 50kg/m ²	200	39
		50

320 258

$$L_{n,w} (C_1) = 42 (1) \text{ dB}$$

(C₁ = C_{1,100-2500})

Norm-Trittschallpegel L_n [dB]



	ift Rosenheim	mit Parkett (orientierend)
L _{n,w}	41.8	40.1
C _{1,100-2500}	1	0
C _{1,50-2500}	8	7
C _{1,50-250}	8	7

f [Hz]	L _n [dB]	L _n [dB]
50	61.9	59.5
63	58.3	56.0
80	50.1	50.9
100	50.6	50.6
125	49.2	48.4
160	50.4	48.3
200	51.7	50.5
250	47.1	44.7
315	43.3	40.9
400	40.9	37.4
500	39.4	34.1
630	36.4	27.9
800	37.0	23.4
1000	36.9	21.8
1250	34.4	16.2
1600	33.1	10.6
2000	30.9	8.1
2500	23.2	7.5
3150	16.3	14.5
4000	9.9	9.0
5000	7.9	9.5

Messung:	4317	4317
Datum:	31.03.20	31.03.20
Bezugsfläche:	10.0 m ²	10.0 m ²
Volumen:	62.0 m ³	62.0 m ³
Abweichung:		