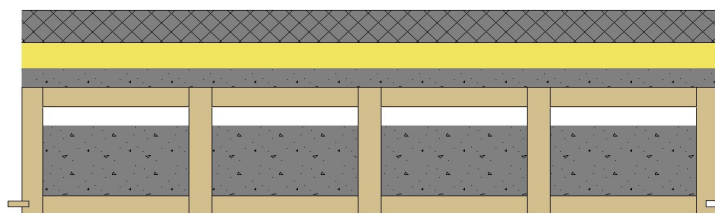


Schalldämm-Mass

4171

mm kg/m²

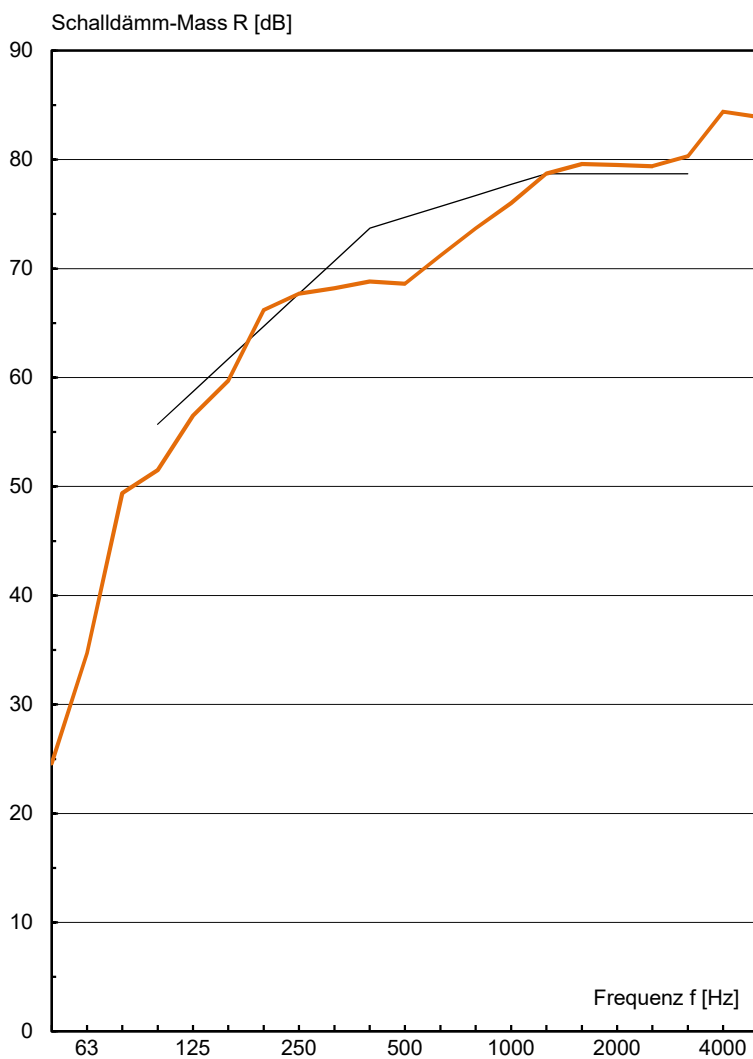


Zementestrich	50	120
Isover Akustic EP 1, s' ≤ 7MN/m³	40	4
Fermacell Wabenschüttung	30	45
LIGNATUR Flächenelement mit Schüttung 100kg/m²	200	39
		100

320 308

$$R_w (C ; C_{tr}) = 74 (-1 ; -6) \text{ dB}$$

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



	ift Rosenheim
R _w	74.7
C ₁₀₀₋₃₁₅₀	-1
C ₅₀₋₃₁₅₀	-11
C ₁₀₀₋₅₀₀₀	-1
C ₅₀₋₅₀₀₀	-10
C _{tr,100-3150}	-6
C _{tr,50-3150}	-25
C _{tr,100-5000}	-6
C _{tr,50-5000}	-25

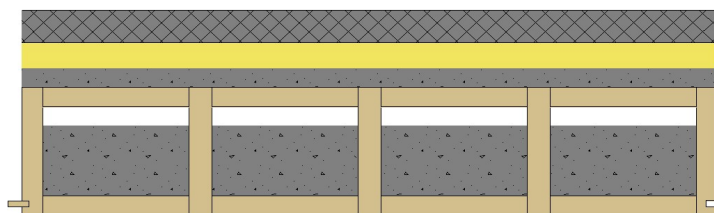
f	R
[Hz]	[dB]
50	24.6
63	34.7
80	49.4
100	51.5
125	56.5
160	59.7
200	66.2
250	67.7
315	68.2
400	68.8
500	68.6
630	71.2
800	73.7
1000	76.0
1250	78.7
1600	79.6
2000	79.5
2500	79.4
3150	80.3
4000	84.4
5000	83.9

Messung: 4171
 Datum: 14.04.10
 Prüffläche: 20.0 m²
 Volumen: 62.0 m³
 Abweichung:

Norm-Trittschallpegel

4171

mm kg/m²



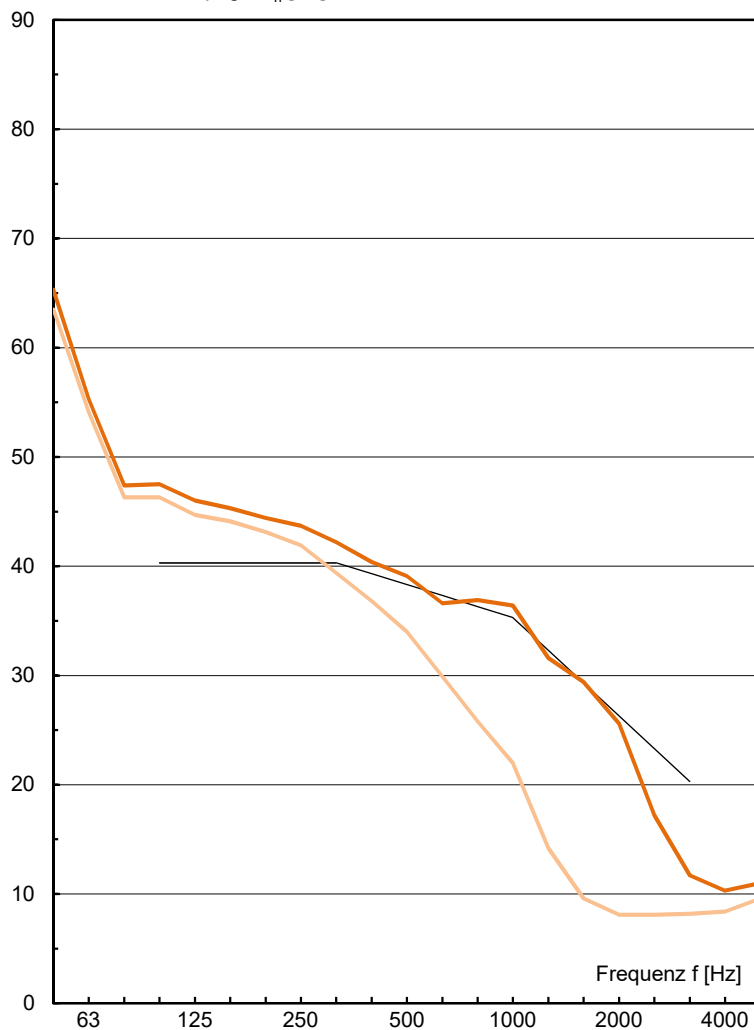
Zementestrich	50	120
Isover Akustic EP 1, s' ≤ 7MN/m³	40	4
Fermacell Wabenschüttung	30	45
LIGNATUR Flächenelement mit Schüttung 100kg/m²	200	39
		100

320 308

$$L_{n,w} (C_I) = 39 (0) \text{ dB}$$

(C_I = C_{I,100-2500})

Norm-Trittschallpegel L_n [dB]



	ift Rosenheim	mit Parkett (orientierend)
L _{n,w}	38.3	36.0
C _{I,100-2500}	0	1
C _{I,50-2500}	12	13
C _{I,50-250}	12	13

f [Hz]	L _n [dB]	L _n [dB]
50	65.3	63.5
63	55.3	54.1
80	47.4	46.3
100	47.5	46.3
125	46.0	44.7
160	45.3	44.1
200	44.4	43.1
250	43.7	41.9
315	42.2	39.4
400	40.4	36.8
500	39.1	34.0
630	36.6	29.9
800	36.9	25.8
1000	36.4	22.0
1250	31.6	14.2
1600	29.4	9.6
2000	25.6	8.1
2500	17.2	8.1
3150	11.7	8.2
4000	10.3	8.4
5000	11.0	9.6

Messung: 4171 4171
 Datum: 14.04.10 14.04.10
 Bezugsfläche: 10.0 m² 10.0 m²
 Volumen: 62.0 m³ 62.0 m³
 Abweichung: