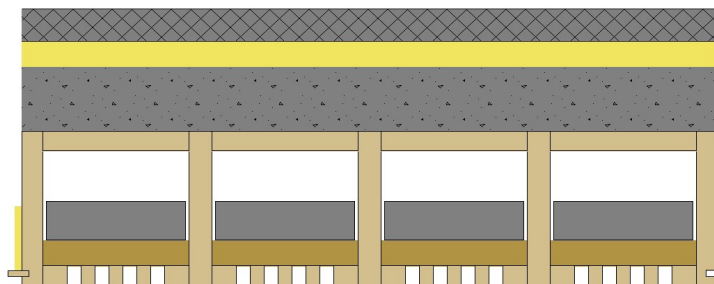


Schalldämm-Mass

4147

mm kg/m²

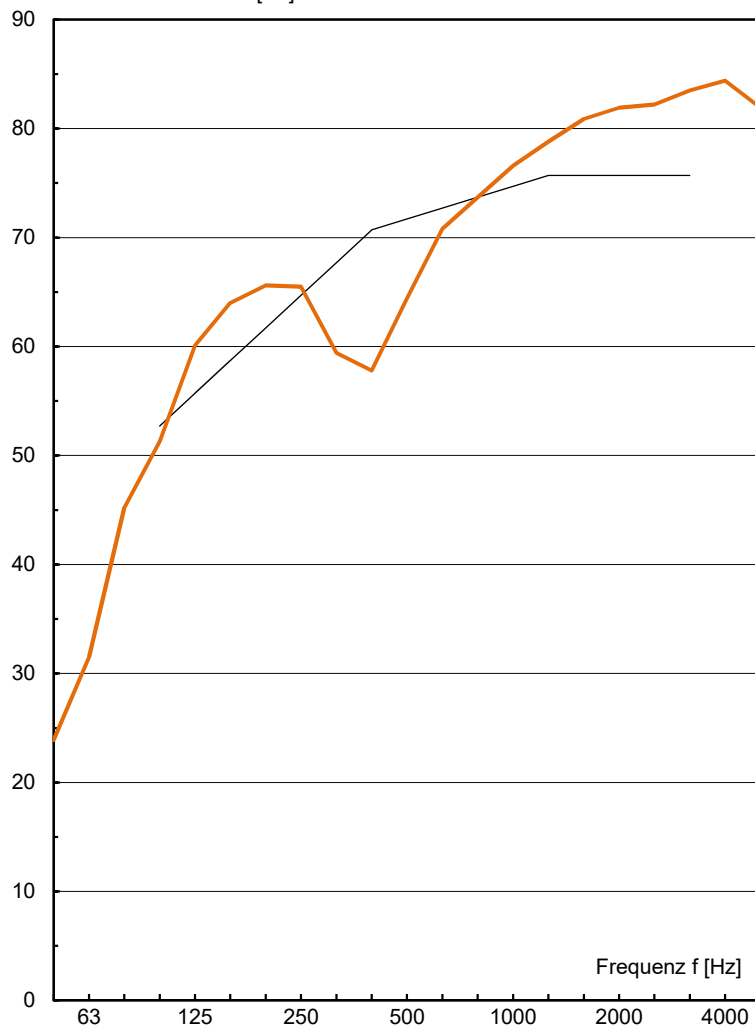


Zementestrich	50	120
Isover Akustic EP 1, s' ≤ 7MN/m ³	40	4
Splitt	100	150
LIGNATUR Flächenelement	240	42
REI30 mit Fugendämmung		
silence12		25
Akustik Typ 3.1		4
	430	345

$$R_w (C ; C_{tr}) = 71 (-2 ; -5) \text{ dB}$$

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

Schalldämm-Mass R [dB]



ift Rosenheim

R _w	71.7
C ₁₀₀₋₃₁₅₀	-2
C ₅₀₋₃₁₅₀	-10
C ₁₀₀₋₅₀₀₀	-1
C ₅₀₋₅₀₀₀	-9
C _{tr,100-3150}	-5
C _{tr,50-3150}	-23
C _{tr,100-5000}	-5
C _{tr,50-5000}	-23

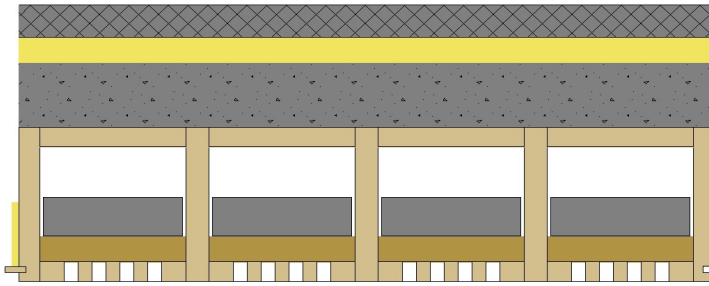
f [Hz]	R [dB]
50	23.9
63	31.5
80	45.2
100	51.3
125	60.1
160	64.0
200	65.6
250	65.5
315	59.4
400	57.8
500	64.4
630	70.8
800	73.7
1000	76.6
1250	78.8
1600	80.9
2000	81.9
2500	82.2
3150	83.5
4000	84.4
5000	81.9

Messung: 4147
 Datum: 31.10.13
 Prüffläche: 20.0 m²
 Volumen: 63.0 m³
 Abweichung:

Norm-Trittschallpegel

4147

mm kg/m²

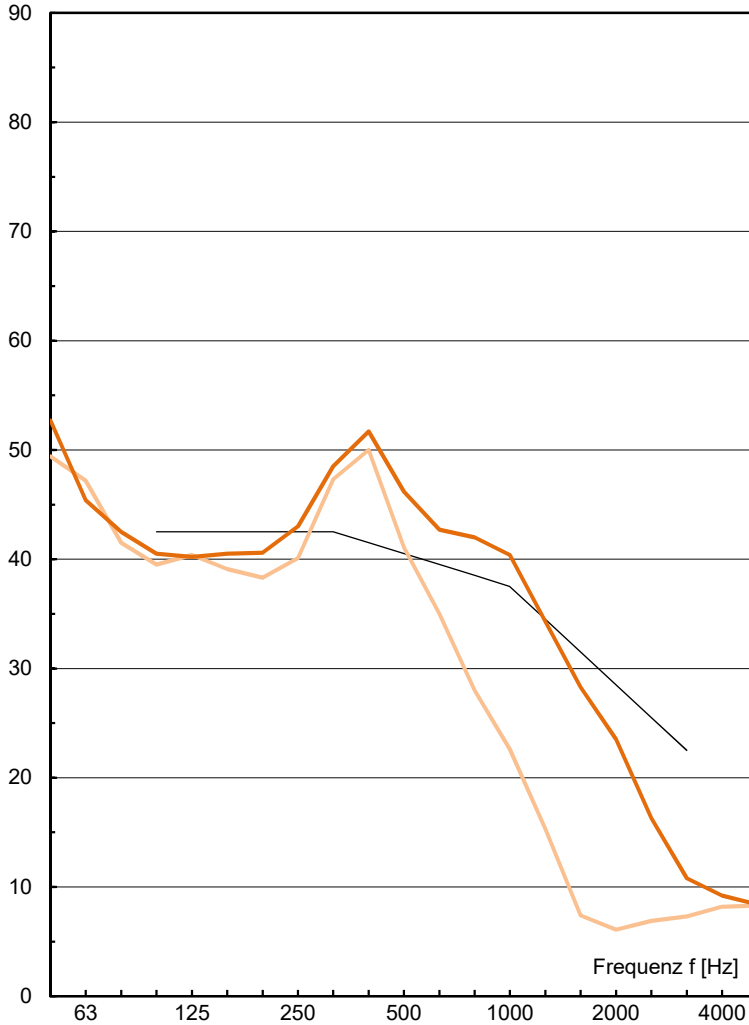


Zementestrich	50	120
Isover Akustic EP 1, s' ≤ 7MN/m ³	40	4
Splitt	100	150
LIGNATUR Flächenelement	240	42
REI30 mit Fugendämmung		
silence12		25
Akustik Typ 3.1		4
	430	345

$$L_{n,w} (C_1) = 41 (0) \text{ dB}$$

(C₁ = C_{1,100-2500})

Norm-Trittschallpegel L_n [dB]



	ift Rosenheim	mit Parkett (orientierend)
L _{n,w}	40.5	36.4
C _{1,100-2500}	0	1
C _{1,50-2500}	2	4
C _{1,50-250}	-1	1

f [Hz]	L _n [dB]	L _n [dB]
50	52.7	49.4
63	45.4	47.2
80	42.5	41.5
100	40.5	39.5
125	40.2	40.4
160	40.5	39.1
200	40.6	38.3
250	43.0	40.1
315	48.5	47.3
400	51.7	50.0
500	46.2	41.1
630	42.7	35.0
800	42.0	28.0
1000	40.4	22.6
1250	34.3	15.3
1600	28.3	7.4
2000	23.5	6.1
2500	16.3	6.9
3150	10.8	7.3
4000	9.2	8.2
5000	8.4	8.3

Messung:	4147	4147
Datum:	31.10.13	31.10.13
Bezugsfläche:	10.0 m ²	10.0 m ²
Volumen:	63.0 m ³	63.0 m ³
Abweichung:		