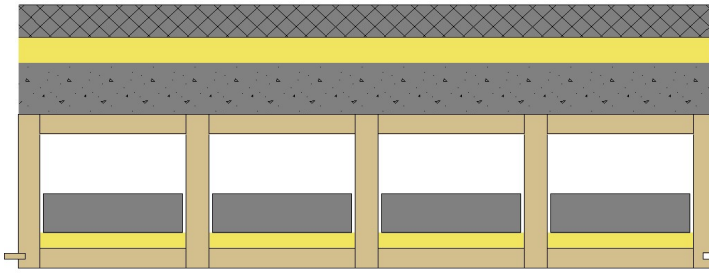


Schalldämm-Mass

4135

mm kg/m²

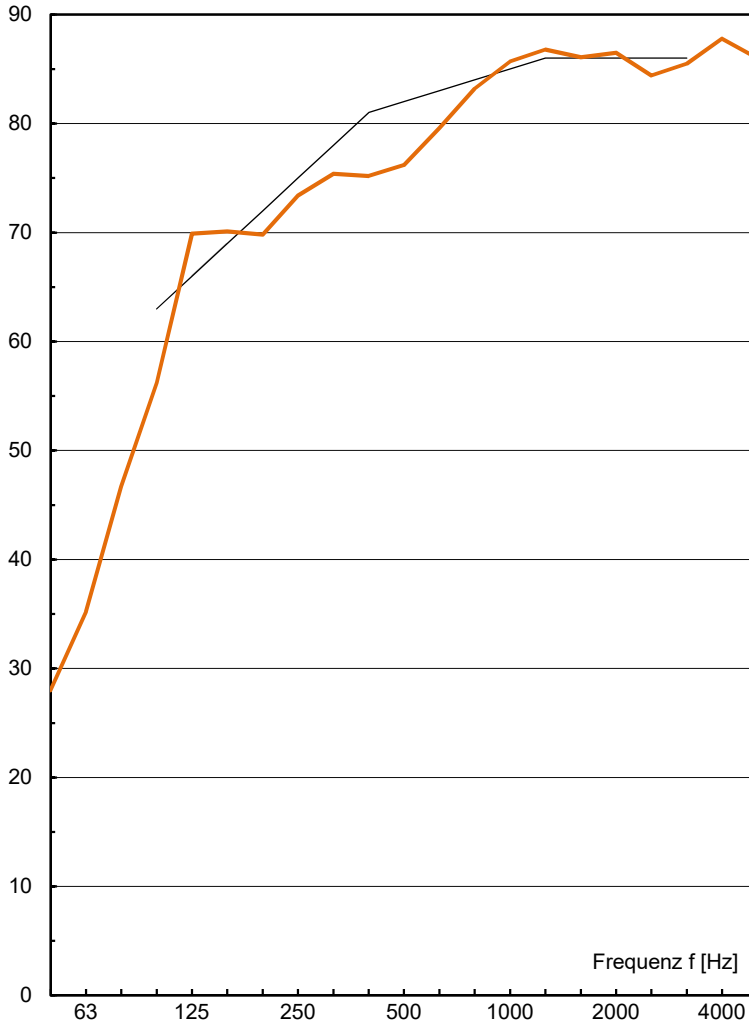


Zementestrich	50	120
Isover Akustic EP 1, s' ≤ 7MN/m ³	40	4
Splitt	80	120
LIGNATUR Flächenelement silence12	240	42
2 x GKF 15mm an Direktabhängiger	170	29
	580	340

$$R_w (C ; C_{tr}) = 82 (-2 ; -8) \text{ dB}$$

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

Schalldämm-Mass R [dB]



ift Rosenheim

R _w	82.0
C ₁₀₀₋₃₁₅₀	-2
C ₅₀₋₃₁₅₀	-16
C ₁₀₀₋₅₀₀₀	-2
C ₅₀₋₅₀₀₀	-15
C _{tr,100-3150}	-8
C _{tr,50-3150}	-30
C _{tr,100-5000}	-8
C _{tr,50-5000}	-30

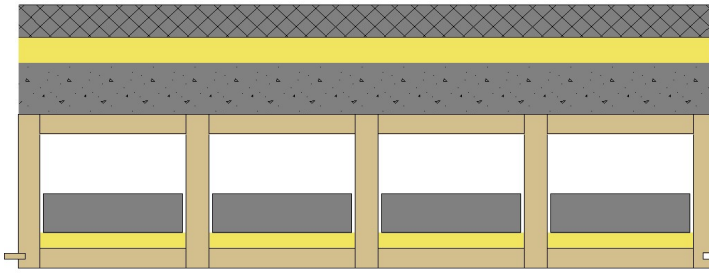
f	R
[Hz]	[dB]
50	28.0
63	35.2
80	46.7
100	56.2
125	69.9
160	70.1
200	69.8
250	73.4
315	75.4
400	75.2
500	76.2
630	79.6
800	83.2
1000	85.7
1250	86.8
1600	86.1
2000	86.5
2500	84.4
3150	85.5
4000	87.8
5000	86.0

Messung: **4135**
 Datum: 16.07.13
 Prüffläche: 20.0 m²
 Volumen: 63.0 m³
 Abweichung:

Norm-Trittschallpegel

4135

mm kg/m²

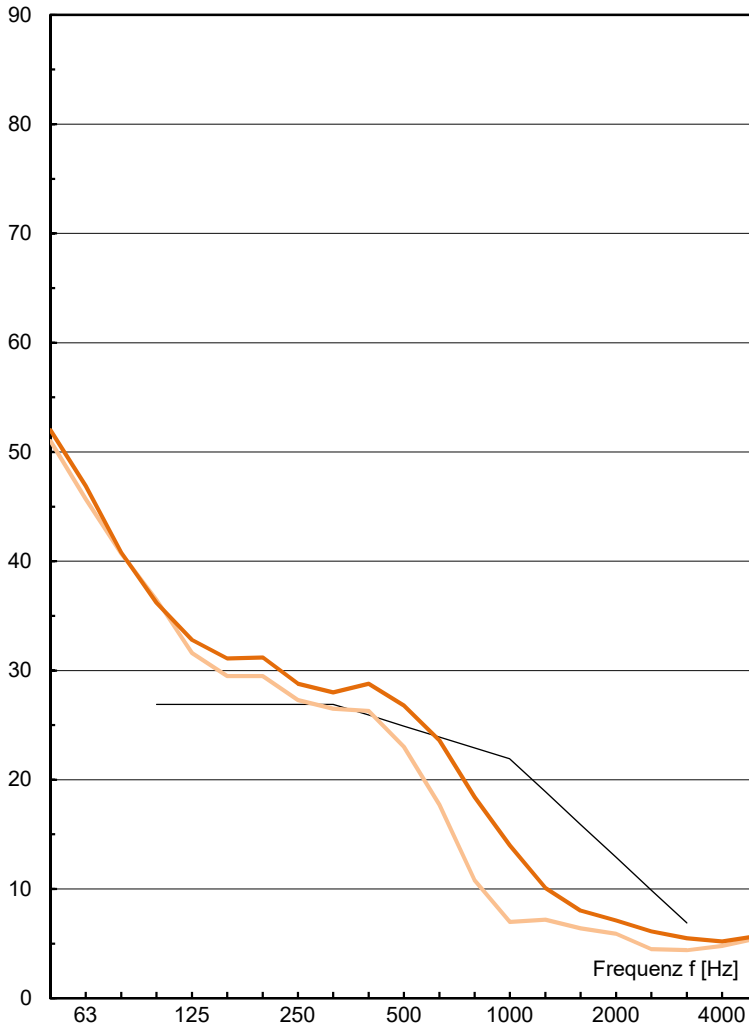


Zementestrich	50	120
Isover Akustic EP 1, s' ≤ 7MN/m ³	40	4
Splitt	80	120
LIGNATUR Flächenelement silence12	240	42
2 x GKF 15mm an Direktabhängler	170	29
	580	340

$$L_{n,w} (C_1) = 25 (1) \text{ dB}$$

(C₁ = C_{1,100-2500})

Norm-Trittschallpegel L_n [dB]



	ift Rosenheim	mit Parkett (orientierend)
L _{n,w}	24.9	23.2
C _{1,100-2500}	1	1
C _{1,50-2500}	14	14
C _{1,50-250}	14	14

f [Hz]	L _n [dB]	L _n [dB]
50	52.0	51.0
63	46.9	45.7
80	40.8	40.7
100	36.2	36.5
125	32.8	31.6
160	31.1	29.5
200	31.2	29.5
250	28.8	27.3
315	28.0	26.5
400	28.8	26.3
500	26.8	23.0
630	23.6	17.7
800	18.4	10.8
1000	14.0	7.0
1250	10.1	7.2
1600	8.0	6.4
2000	7.1	5.9
2500	6.1	4.5
3150	5.5	4.4
4000	5.2	4.8
5000	5.7	5.5

Messung:	4135	4135
Datum:	16.07.13	16.07.13
Bezugsfläche:	10.0 m ²	10.0 m ²
Volumen:	63.0 m ³	63.0 m ³
Abweichung:		