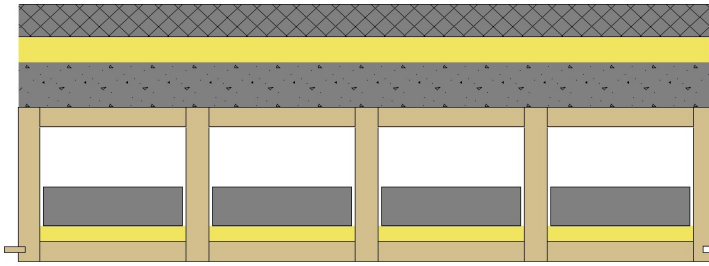


Schalldämm-Mass

4130

mm kg/m²



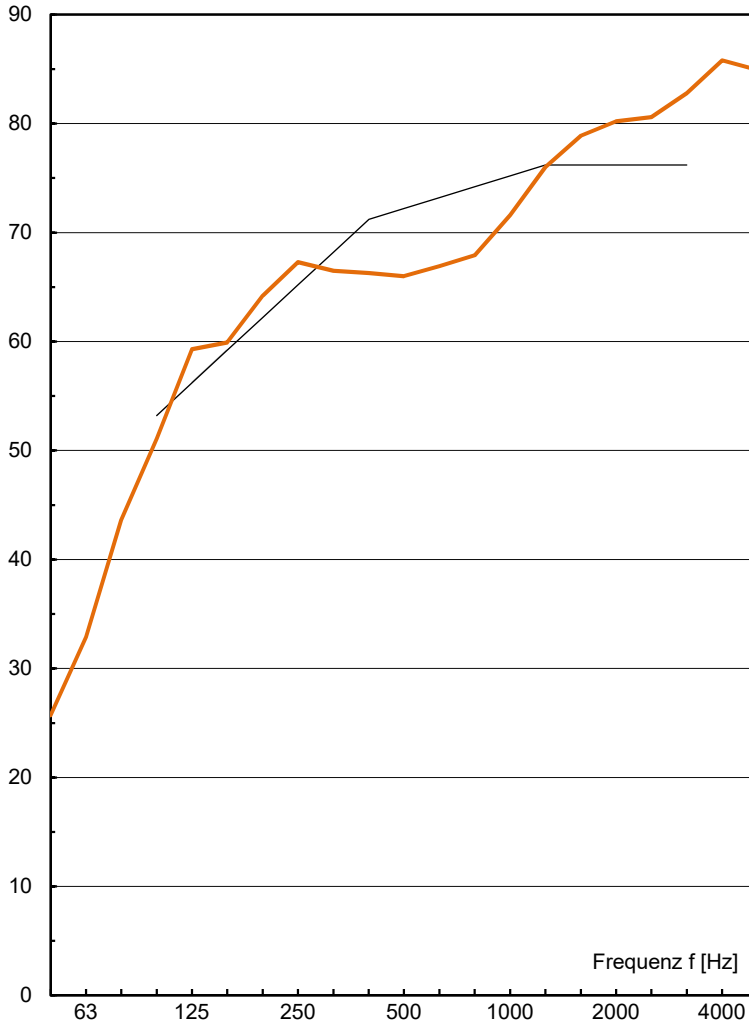
Zementestrich	50	120
Isover Akustic EP 1, s' ≤ 7MN/m ³	40	4
Splitt	70	105
LIGNATUR Flächenelement silence12	240	42
		25

400 296

$$R_w (C ; C_{tr}) = 72 (-1 ; -5) \text{ dB}$$

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

Schalldämm-Mass R [dB]



ift Rosenheim

R _w	72.2
C ₁₀₀₋₃₁₅₀	-1
C ₅₀₋₃₁₅₀	-9
C ₁₀₀₋₅₀₀₀	0
C ₅₀₋₅₀₀₀	-8
C _{tr,100-3150}	-5
C _{tr,50-3150}	-23
C _{tr,100-5000}	-5
C _{tr,50-5000}	-23

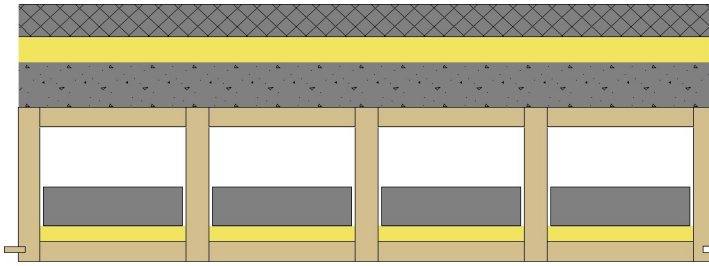
f [Hz]	R [dB]
50	25.7
63	32.9
80	43.6
100	51.1
125	59.3
160	59.9
200	64.2
250	67.3
315	66.5
400	66.3
500	66.0
630	66.9
800	67.9
1000	71.6
1250	76.0
1600	78.9
2000	80.2
2500	80.6
3150	82.8
4000	85.8
5000	84.9

Messung: **4130**
 Datum: 09.07.13
 Prüffläche: 20.0 m²
 Volumen: 63.0 m³
 Abweichung:

Norm-Trittschallpegel

4130

mm kg/m²

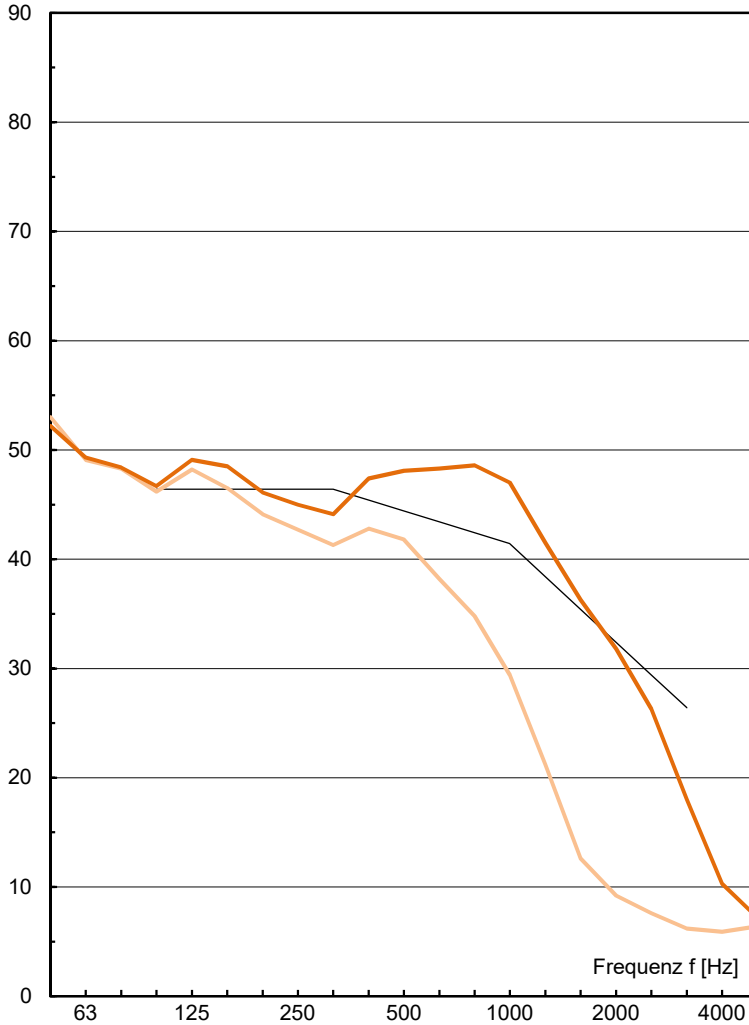


Zementestrich	50	120
Isover Akustic EP 1, s' ≤ 7MN/m ³	40	4
Splitt	70	105
LIGNATUR Flächenelement	240	42
silence12		25

400 296

$L_{n,w} (C_1) = 45 (-2) \text{ dB}$
 ($C_1 = C_{1,100-2500}$)

Norm-Trittschallpegel L_n [dB]



	ift Rosenheim	mit Parkett (orientierend)
$L_{n,w}$	44.4	38.7
$C_{1,100-2500}$	-2	0
$C_{1,50-2500}$	0	4
$C_{1,50-250}$	-2	3

f [Hz]	L_n [dB]	L_n [dB]
50	52.2	53.0
63	49.3	49.1
80	48.4	48.3
100	46.7	46.2
125	49.1	48.2
160	48.5	46.5
200	46.1	44.1
250	45.0	42.7
315	44.1	41.3
400	47.4	42.8
500	48.1	41.8
630	48.3	38.2
800	48.6	34.8
1000	47.0	29.4
1250	41.5	21.2
1600	36.3	12.6
2000	31.8	9.2
2500	26.3	7.6
3150	18.0	6.2
4000	10.3	5.9
5000	7.2	6.4

Messung:	4130	4130
Datum:	09.07.13	09.07.13
Bezugsfläche:	10.0 m ²	10.0 m ²
Volumen:	63.0 m ³	63.0 m ³
Abweichung:		