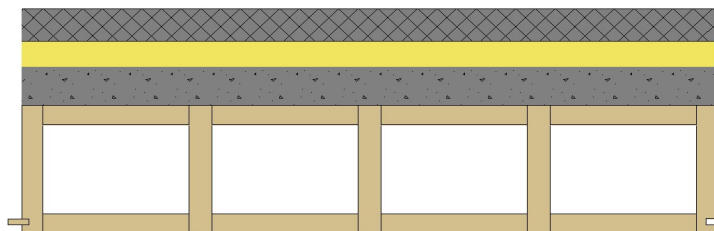


Schalldämm-Mass

4169

mm kg/m²

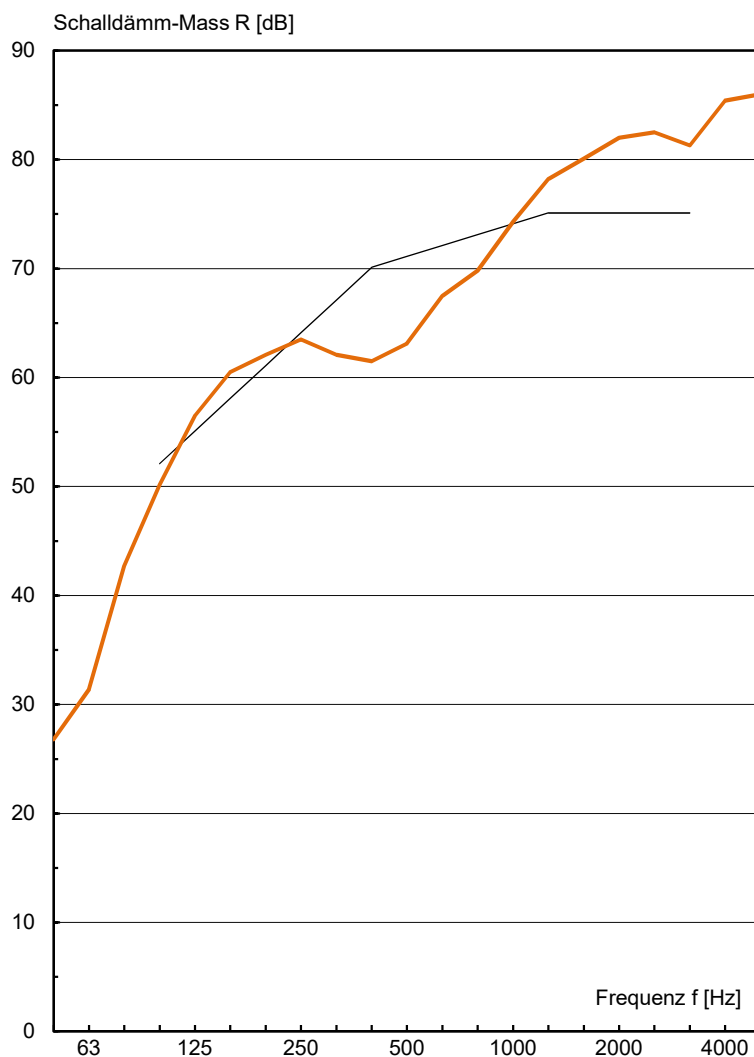


Zementestrich	50	120
Isover Akustic EP 1, s' ≤ 7MN/m³	40	4
Splitt	60	90
LIGNATUR Flächenelement	200	39

350 253

$$R_w (C ; C_{tr}) = 71 (-2 ; -6) \text{ dB}$$

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



	ift Rosenheim (Wiederholung)
R _w	71.1
C ₁₀₀₋₃₁₅₀	-2
C ₅₀₋₃₁₅₀	-8
C ₁₀₀₋₅₀₀₀	-1
C ₅₀₋₅₀₀₀	-7
C _{tr,100-3150}	-6
C _{tr,50-3150}	-21
C _{tr,100-5000}	-6
C _{tr,50-5000}	-21

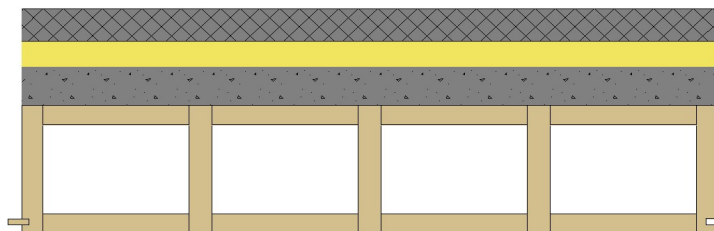
f [Hz]	R [dB]
50	26.8
63	31.4
80	42.7
100	50.2
125	56.5
160	60.5
200	62.1
250	63.5
315	62.1
400	61.5
500	63.1
630	67.5
800	69.8
1000	74.3
1250	78.2
1600	80.1
2000	82.0
2500	82.5
3150	81.3
4000	85.4
5000	86.0

Messung: 4169
 Datum: 23.03.20
 Prüffläche: 20.0 m²
 Volumen: 62.0 m³
 Abweichung:

Norm-Trittschallpegel

4169

mm kg/m²



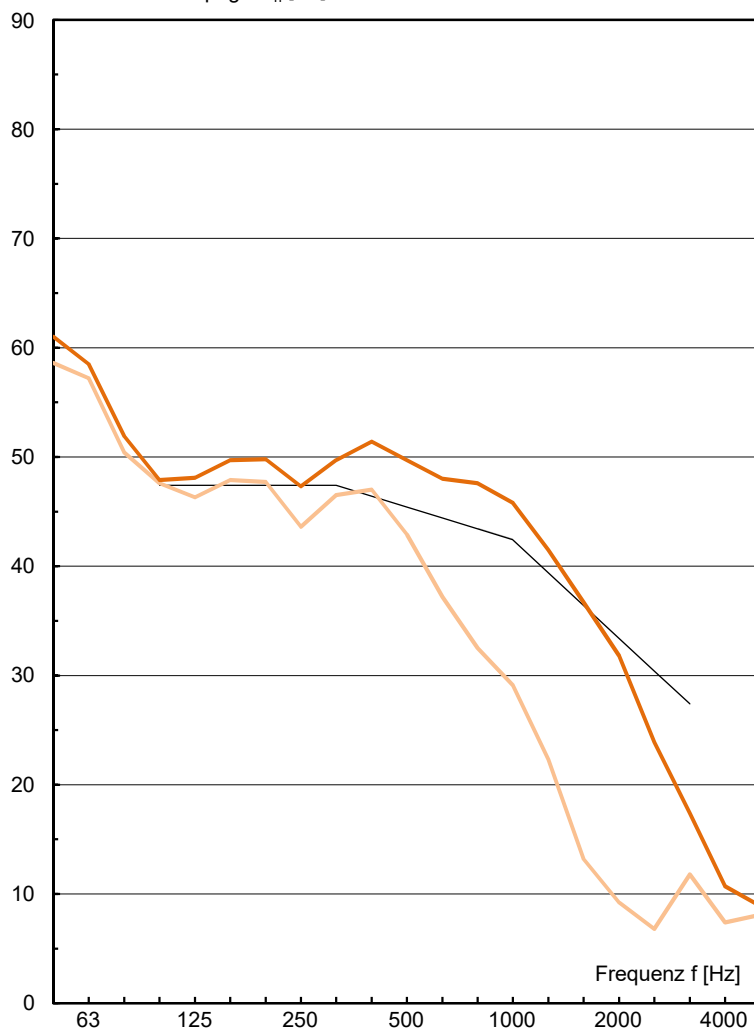
Zementestrich	50	120
Isover Akustic EP 1, s' ≤ 7MN/m ³	40	4
Splitt	60	90
LIGNATUR Flächenelement	200	39

350 253

$$L_{n,w} (C_I) = 46 (-2) \text{ dB}$$

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

Norm-Trittschallpegel L_n [dB]



	ift Rosenheim (Wiederholung)	mit Parkett (Wiederholung) (orientierend)
$L_{n,w}$	45.4	40.6
$C_{I,100-2500}$	-2	0
$C_{I,50-2500}$	4	6
$C_{I,50-250}$	3	6

f [Hz]	L_n [dB]	L_n [dB]
50	61.0	58.6
63	58.5	57.2
80	51.9	50.4
100	47.9	47.6
125	48.1	46.3
160	49.7	47.9
200	49.8	47.7
250	47.3	43.6
315	49.7	46.5
400	51.4	47.0
500	49.7	42.9
630	48.0	37.2
800	47.6	32.5
1000	45.8	29.1
1250	41.5	22.3
1600	36.7	13.2
2000	31.8	9.2
2500	23.9	6.8
3150	17.4	11.8
4000	10.7	7.4
5000	8.9	8.1

Messung: 4169 4169
 Datum: 23.03.20 23.03.20
 Bezugsfläche: 10.0 m² 10.0 m²
 Volumen: 62.0 m³ 62.0 m³
 Abweichung: