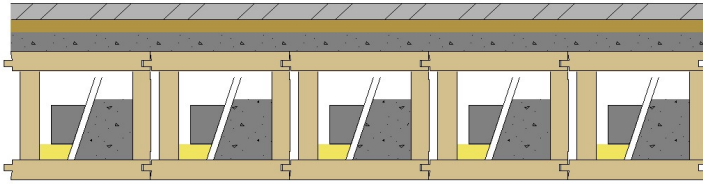


Schalldämm-Mass

4154

mm kg/m²



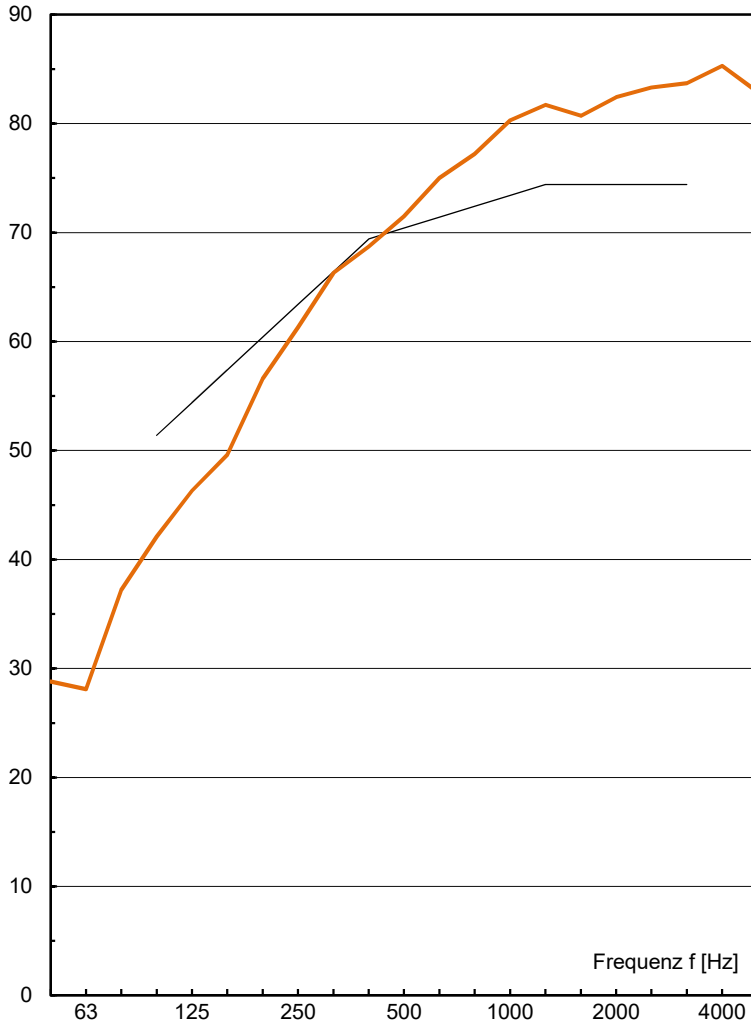
Fermacell Estrich-Element	25	29
Gutex Thermofloor, s' ≤ 30MN/m ³	20	4
Fermacell Wabenschüttung	30	45
LIGNATUR Kastenelement	200	47
silence12		25
mit Schüttung 75kg/m ²		75

275 225

$$R_w (C ; C_{tr}) = 70 (-4 ; -11) \text{ dB}$$

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

Schalldämm-Mass R [dB]



ift Rosenheim

R _w	70.4
C ₁₀₀₋₃₁₅₀	-4
C ₅₀₋₃₁₅₀	-9
C ₁₀₀₋₅₀₀₀	-3
C ₅₀₋₅₀₀₀	-8
C _{tr,100-3150}	-11
C _{tr,50-3150}	-22
C _{tr,100-5000}	-11
C _{tr,50-5000}	-22

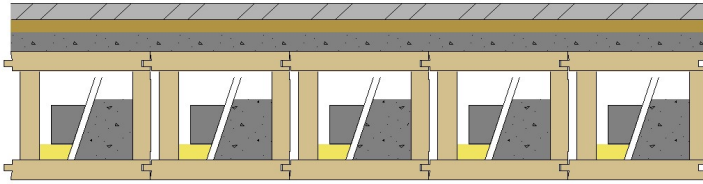
f [Hz]	R [dB]
50	28.8
63	28.1
80	37.2
100	42.1
125	46.3
160	49.6
200	56.6
250	61.3
315	66.3
400	68.7
500	71.5
630	75.0
800	77.2
1000	80.3
1250	81.7
1600	80.7
2000	82.4
2500	83.3
3150	83.7
4000	85.3
5000	82.9

Messung: **4154**
 Datum: 16.01.14
 Prüffläche: 20.0 m²
 Volumen: 63.0 m³
 Abweichung:

Norm-Trittschallpegel

4154

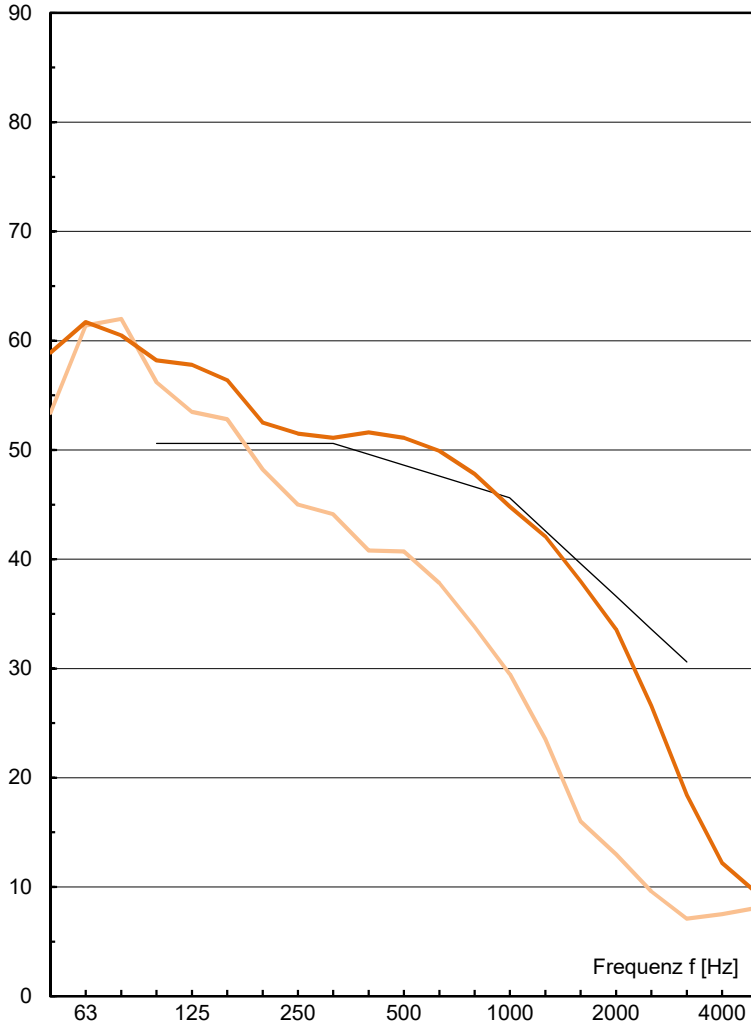
mm kg/m²



Fermacell Estrich-Element	25	29
Gutex Thermofloor, s' ≤ 30MN/m ³	20	4
Fermacell Wabenschüttung	30	45
LIGNATUR Kastelement silence12 mit Schüttung 75kg/m ²	200	47 25 75
	275	225

$L_{n,w} (C_1) = 49 (0) \text{ dB}$
 ($C_1 = C_{1,100-2500}$)

Norm-Trittschallpegel L_n [dB]



	ift Rosenheim	mit Parkett (orientierend)
$L_{n,w}$	48.6	42.8
$C_{1,100-2500}$	0	2
$C_{1,50-2500}$	4	8
$C_{1,50-250}$	3	8

f [Hz]	L_n [dB]	L_n [dB]
50	58.9	53.4
63	61.7	61.4
80	60.5	62.0
100	58.2	56.2
125	57.8	53.5
160	56.4	52.8
200	52.5	48.2
250	51.5	45.0
315	51.1	44.1
400	51.6	40.8
500	51.1	40.7
630	49.9	37.8
800	47.8	33.8
1000	44.8	29.5
1250	42.1	23.5
1600	38.0	16.0
2000	33.6	13.0
2500	26.6	9.6
3150	18.4	7.1
4000	12.2	7.5
5000	9.4	8.1

Messung:	4154	4154
Datum:	16.01.14	16.01.14
Bezugsfläche:	10.0 m ²	10.0 m ²
Volumen:	63.0 m ³	63.0 m ³
Abweichung:		