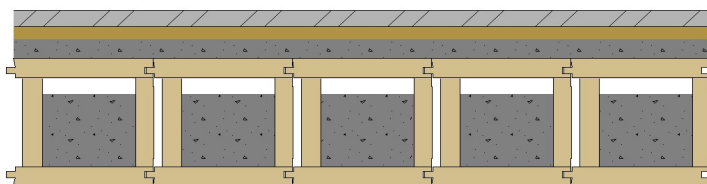


Schalldämm-Mass

4166

mm kg/m²



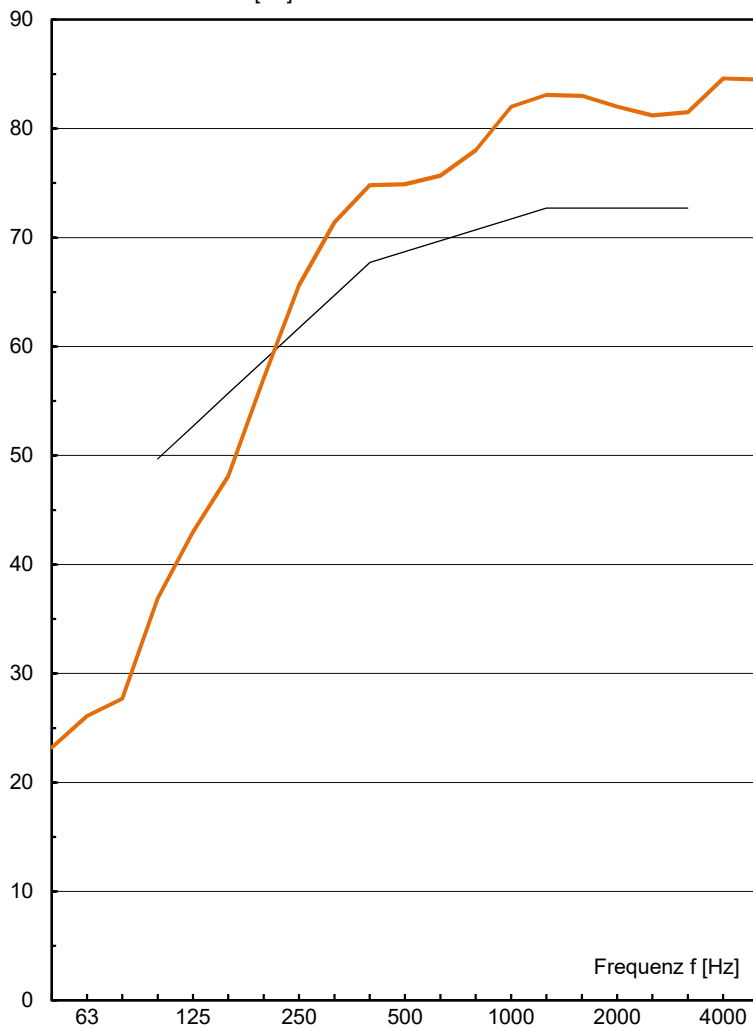
Fermacell Estrich-Element	25	29
Gutex Thermofloor, s' ≤ 30MN/m ³	20	4
Fermacell Wabenschüttung	30	45
LIGNATUR Kastelement mit Schüttung 90kg/m ²	200	47
		90

275 215

$$R_w (C ; C_{tr}) = 68 (-5 ; -13) \text{ dB}$$

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

Schalldämm-Mass R [dB]



ift Rosenheim

R _w	68.7
C ₁₀₀₋₃₁₅₀	-5
C ₅₀₋₃₁₅₀	-12
C ₁₀₀₋₅₀₀₀	-4
C ₅₀₋₅₀₀₀	-11
C _{tr,100-3150}	-13
C _{tr,50-3150}	-24
C _{tr,100-5000}	-13
C _{tr,50-5000}	-24

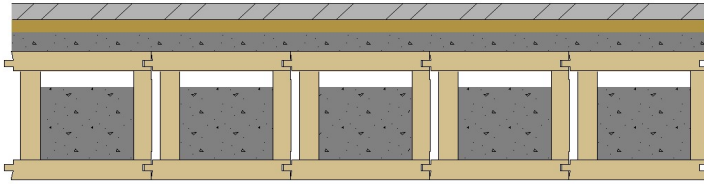
f [Hz]	R [dB]
50	23.2
63	26.1
80	27.7
100	36.9
125	43.0
160	48.1
200	57.1
250	65.6
315	71.4
400	74.8
500	74.9
630	75.7
800	78.0
1000	82.0
1250	83.1
1600	83.0
2000	82.0
2500	81.2
3150	81.5
4000	84.6
5000	84.5

Messung: **4166**
 Datum: 13.09.08
 Prüffläche: 20.0 m²
 Volumen: 62.0 m³
 Abweichung:

Norm-Trittschallpegel

4166

mm kg/m²



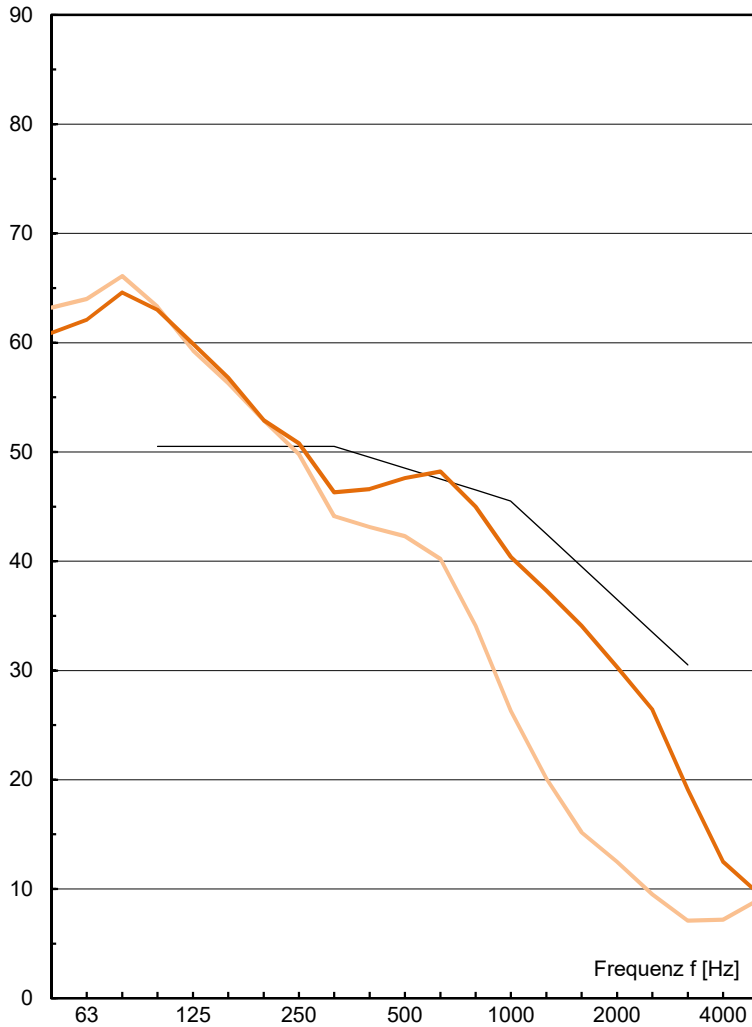
Fermacell Estrich-Element	25	29
Gutex Thermofloor, s' ≤ 30MN/m ³	20	4
Fermacell Wabenschüttung	30	45
LIGNATUR Kastelement mit Schüttung 90kg/m ²	200	47
		90

275 215

$$L_{n,w} (C_1) = 49 (2) \text{ dB}$$

(C₁ = C_{1,100-2500})

Norm-Trittschallpegel L_n [dB]



	ift Rosenheim	mit Parkett (orientierend)
L _{n,w}	48.5	48.0
C _{1,100-2500}	2	3
C _{1,50-2500}	6	8
C _{1,50-250}	6	8

f [Hz]	L _n [dB]	L _n [dB]
50	60.9	63.2
63	62.1	64.0
80	64.6	66.1
100	63.0	63.3
125	59.9	59.3
160	56.8	56.3
200	52.9	52.9
250	50.8	49.8
315	46.3	44.1
400	46.6	43.1
500	47.6	42.3
630	48.2	40.2
800	45.0	34.1
1000	40.4	26.3
1250	37.3	20.1
1600	34.1	15.2
2000	30.3	12.5
2500	26.4	9.5
3150	19.1	7.1
4000	12.5	7.2
5000	9.6	9.0

Messung:	4166	4166
Datum:	13.09.08	13.09.08
Bezugsfläche:	10.0 m ²	10.0 m ²
Volumen:	62.0 m ³	62.0 m ³
Abweichung:		