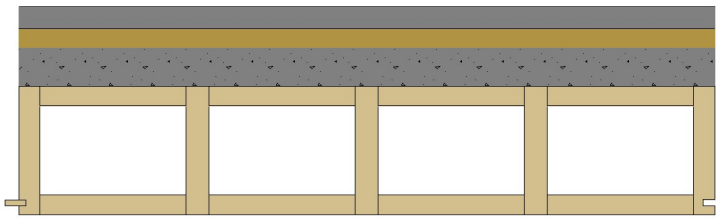
Schalldämm-Mass

4170

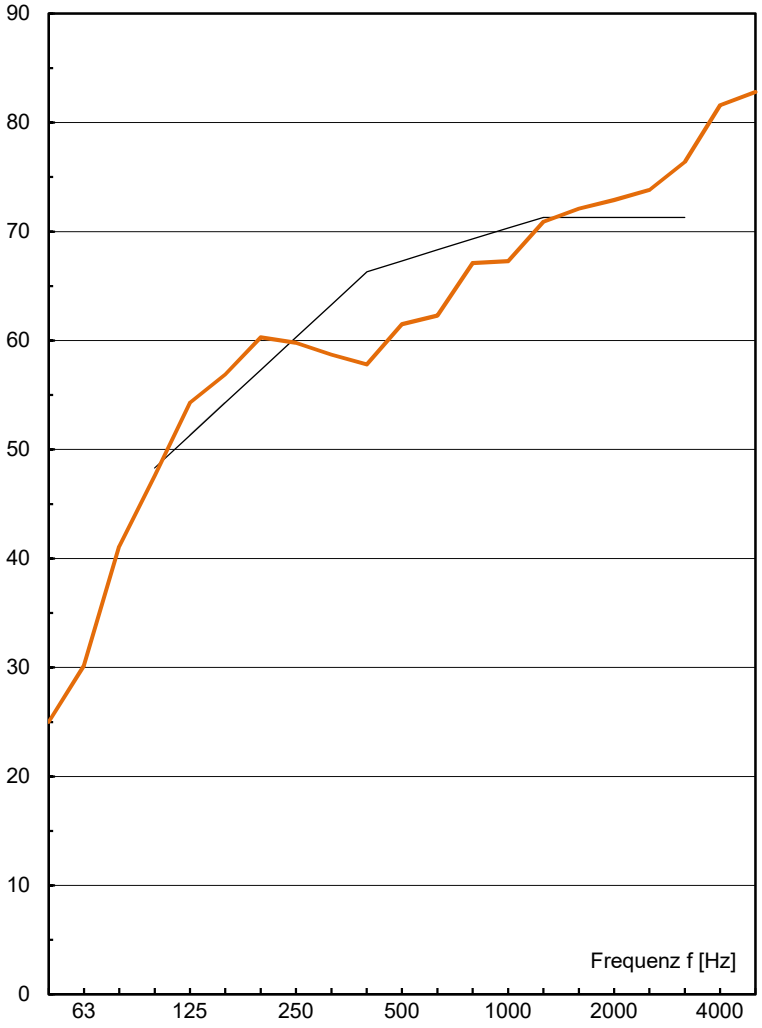


	mm	kg/m²
Gussasphalt	34	88
Gutex Thermosafe-wd	30	5
Fermacell Wabenschüttung	60	90
LIGNATUR Flächenelement	200	39
	324	222

R_w (C ; C_{tr}) = 67 (-1 ; -5) dB

(C = $C_{100\text{-}3150}$; C_{tr} = $C_{tr,100\text{-}3150}$)

Schalldämm-Mass R [dB]



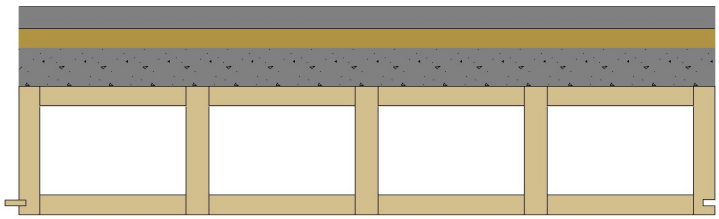
	ift Rosenheim
R_w	67.3
$C_{100\text{-}3150}$	-1
$C_{50\text{-}3150}$	-6
$C_{100\text{-}5000}$	-1
$C_{50\text{-}5000}$	-5
$C_{tr,100\text{-}3150}$	-5
$C_{tr,50\text{-}3150}$	-19
$C_{tr,100\text{-}5000}$	-5
$C_{tr,50\text{-}5000}$	-19

f [Hz]	R [dB]
50	25.0
63	30.2
80	41.1
100	47.6
125	54.3
160	56.9
200	60.3
250	59.8
315	58.7
400	57.8
500	61.5
630	62.3
800	67.1
1000	67.3
1250	70.9
1600	72.1
2000	72.9
2500	73.8
3150	76.4
4000	81.6
5000	82.8

Messung: 4170
Datum: 13.04.10
Prüffläche: 20.0 m²
Volumen: 62.0 m³
Abweichung:

Norm-Trittschallpegel

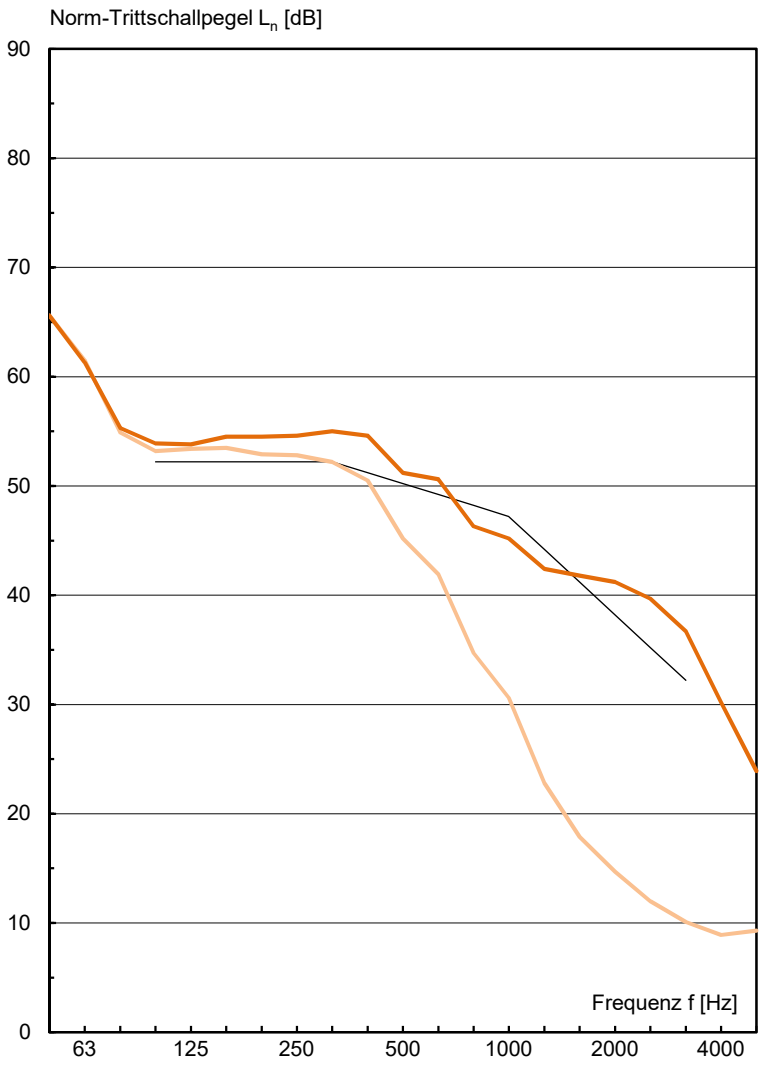
4170



	mm	kg/m²
Gussasphalt	34	88
Gutex Thermosafe-wd	30	5
Fermacell Wabenschüttung	60	90
LIGNATUR Flächenelement	200	39
	324	222

$L_{n,w}$ (C_I) = 51 (-2) dB

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



	ift Rosenheim	mit Parkett (orientierend)
$L_{n,w}$	50.2	46.3
$C_{I,100\text{-}2500}$	-2	-1
$C_{I,50\text{-}2500}$	3	6
$C_{I,50\text{-}250}$	2	6

f [Hz]	L_n [dB]	L_n [dB]
50	65.6	65.6
63	61.3	61.5
80	55.3	54.9
100	53.9	53.2
125	53.8	53.4
160	54.5	53.5
200	54.5	52.9
250	54.6	52.8
315	55.0	52.2
400	54.6	50.5
500	51.2	45.2
630	50.6	41.9
800	46.3	34.7
1000	45.2	30.6
1250	42.4	22.8
1600	41.8	17.9
2000	41.2	14.7
2500	39.7	12.0
3150	36.7	10.1
4000	30.2	8.9
5000	23.9	9.3

Messung:	4170	4170
Datum:	13.04.10	13.04.10
Bezugsfläche:	10.0 m²	10.0 m³
Volumen:	62.0 m³	62.0 m³
Abweichung:		