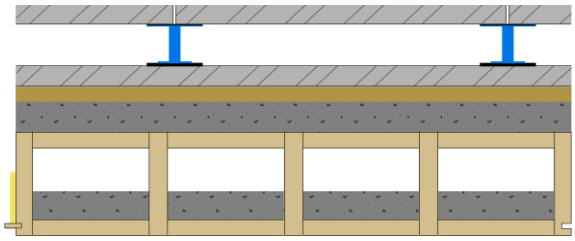
Schalldämm-Mass

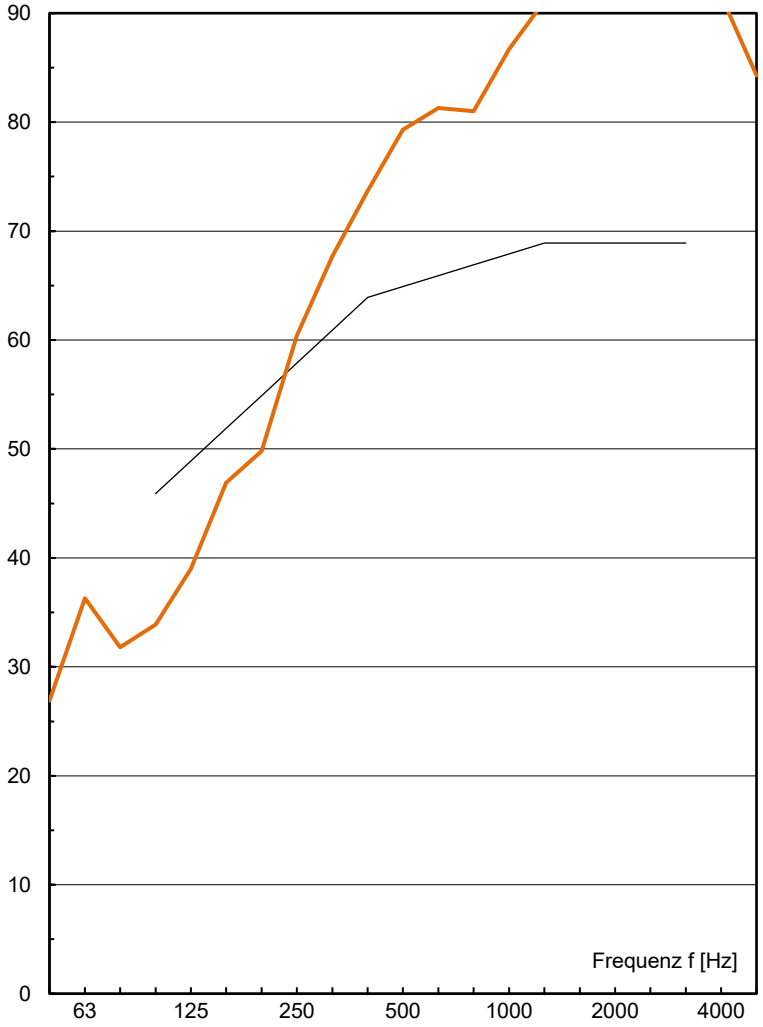
4362



	mm	kg/m²
Hohlboden 38mm Lindner Nortec L38	140	58
Lindner Gipsfaserplatte FLOOR and moi	40	54
Gutex Thermofloor, s' ≤ 30MN/m³	30	5
Splitt	60	90
LIGNATUR Flächenelement	200	39
REI30		
mit Schüttung 50kg/m²		50
	470	296

R_w (C ; C_{tr}) = 64 (-4 ; -12) dB

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



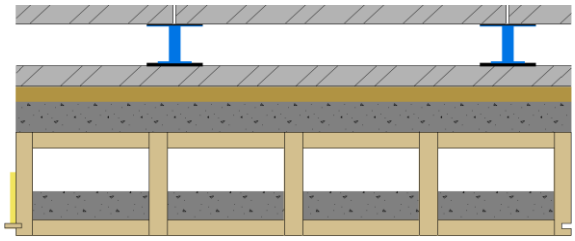
	ift Rosenheim
R_w	64.9
$C_{100\text{-}3150}$	-4
$C_{50\text{-}3150}$	-6
$C_{100\text{-}5000}$	-3
$C_{50\text{-}5000}$	-5
$C_{tr,100\text{-}3150}$	-12
$C_{tr,50\text{-}3150}$	-17
$C_{tr,100\text{-}5000}$	-12
$C_{tr,50\text{-}5000}$	-17

f [Hz]	R [dB]
50	26.9
63	36.3
80	31.8
100	33.9
125	39.0
160	46.9
200	49.8
250	60.4
315	67.7
400	73.7
500	79.3
630	81.3
800	81.0
1000	86.7
1250	91.1
1600	92.0
2000	93.7
2500	94.3
3150	93.5
4000	91.6
5000	84.3

Messung:	4362
Datum:	14.09.23
Prüffläche:	20.0 m²
Volumen:	62.0 m³
Abweichung:	

Norm-Trittschallpegel

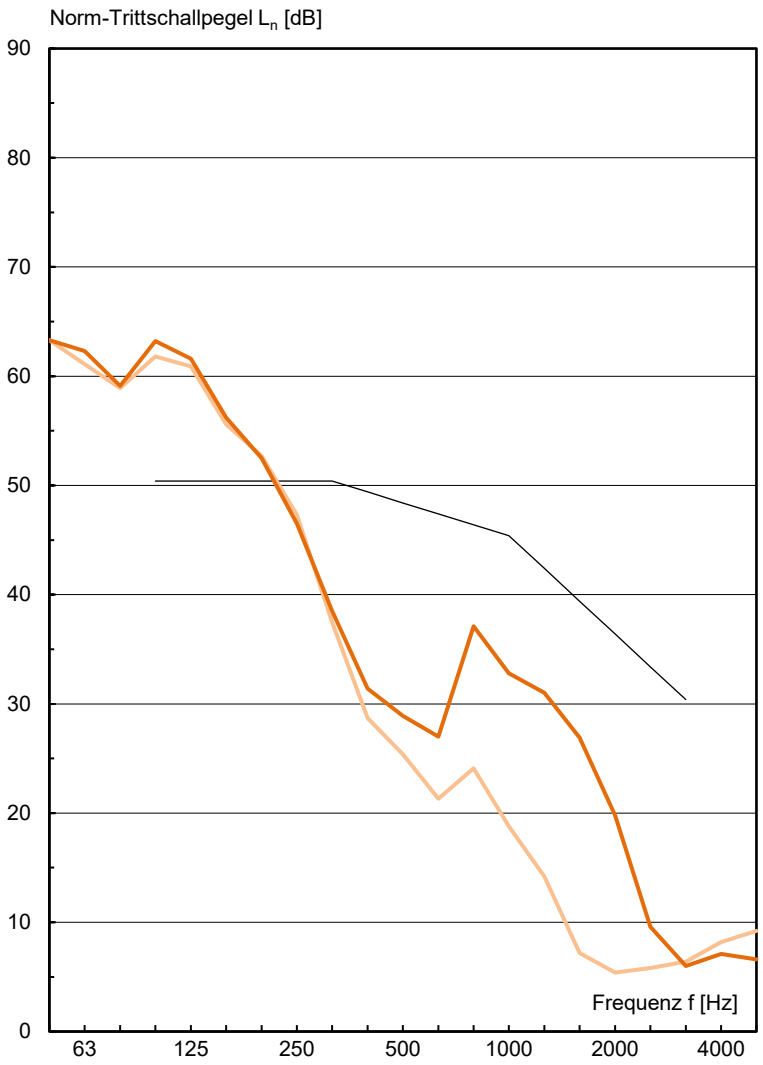
4362



	mm	kg/m²
Hohlboden 38mm Lindner Nortec L38	140	58
Lindner Gipsfaserplatte FLOOR and mo	40	54
Gutex Thermofloor, s' ≤ 30MN/m³	30	5
Splitt	60	90
LIGNATUR Flächenelement	200	39
REI30		
mit Schüttung 50kg/m²		50
	470	296

$L_{n,w}$ (C_I) = 49 (2) dB

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



	ift Rosenheim	mit Parkett (orientierend)
$L_{n,w}$	48.4	47.8
$C_{I,100\text{-}2500}$	2	2
$C_{I,50\text{-}2500}$	5	6
$C_{I,50\text{-}250}$	5	6

f [Hz]	L_n [dB]	L_n [dB]
50	63.3	63.3
63	62.3	61.1
80	59.1	58.9
100	63.2	61.8
125	61.6	60.9
160	56.2	55.6
200	52.5	52.7
250	46.5	47.3
315	38.5	37.5
400	31.4	28.7
500	28.9	25.4
630	27.0	21.3
800	37.1	24.1
1000	32.8	18.8
1250	31.0	14.2
1600	26.9	7.2
2000	19.8	5.4
2500	9.6	5.8
3150	6.0	6.4
4000	7.1	8.2
5000	6.6	9.2

Messung:	4362	4362
Datum:	14.09.23	14.09.23
Bezugsfläche:	10.0 m²	10.0 m³
Volumen:	62.0 m³	62.0 m³
Abweichung:		