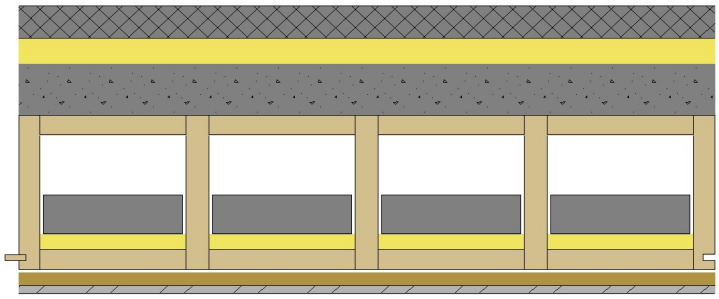
Schalldämm-Mass

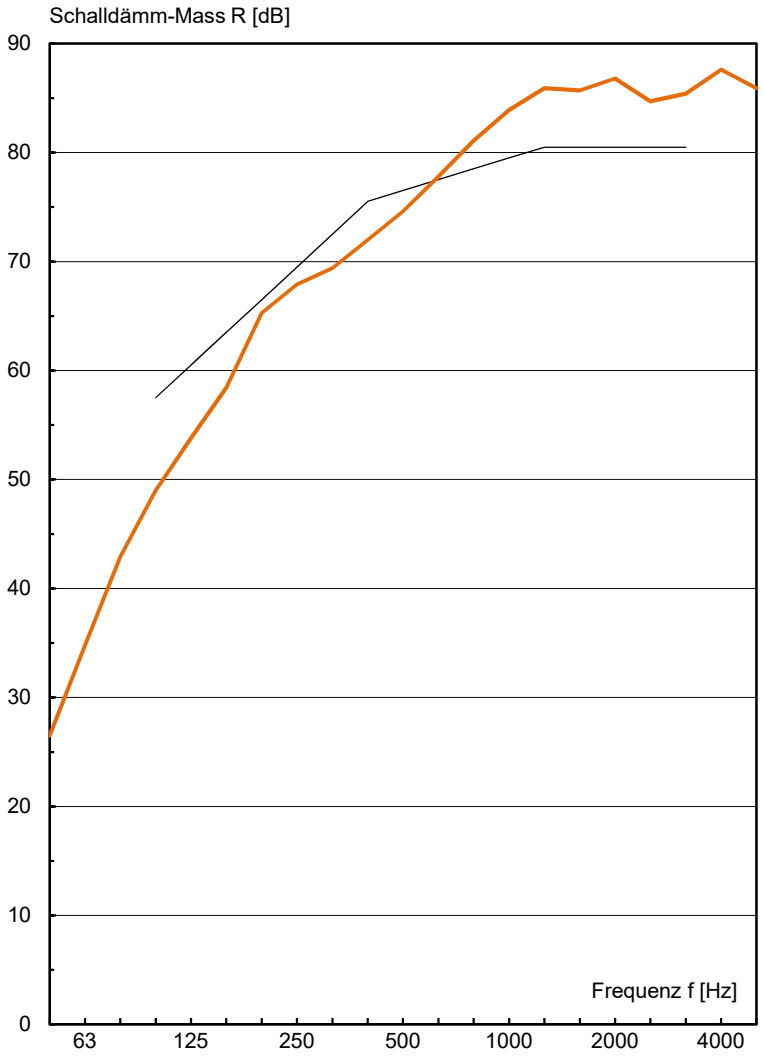
4139



	mm	kg/m²
Zementestrich	50	120
Isover Akustic EP 1, s' ≤ 7MN/m³	40	4
Splitt	80	120
LIGNATUR Flächenelement	240	42
silence12		25
GKB 12.5mm an Lattung 24mm	37	16
	447	327

R_w (C ; C_{tr}) = 76 (-3 ; -9) dB

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



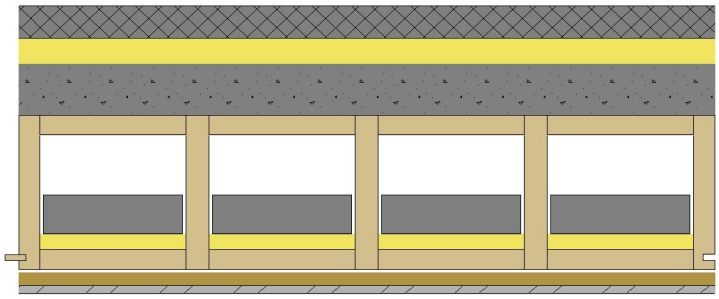
	ift Rosenheim
R_w	76.5
$C_{100\text{-}3150}$	-3
$C_{50\text{-}3150}$	-12
$C_{100\text{-}5000}$	-2
$C_{50\text{-}5000}$	-11
$C_{tr,100\text{-}3150}$	-9
$C_{tr,50\text{-}3150}$	-26
$C_{tr,100\text{-}5000}$	-9
$C_{tr,50\text{-}5000}$	-26

f [Hz]	R [dB]
50	26.5
63	34.8
80	42.9
100	49.0
125	53.8
160	58.4
200	65.3
250	67.9
315	69.4
400	72.0
500	74.6
630	77.8
800	81.1
1000	83.9
1250	85.9
1600	85.7
2000	86.8
2500	84.7
3150	85.4
4000	87.6
5000	85.9

Messung: 4139
Datum: 18.07.13
Prüffläche: 20.0 m²
Volumen: 63.0 m³
Abweichung:

Norm-Trittschallpegel

4139



	mm	kg/m²
Zementestrich	50	120
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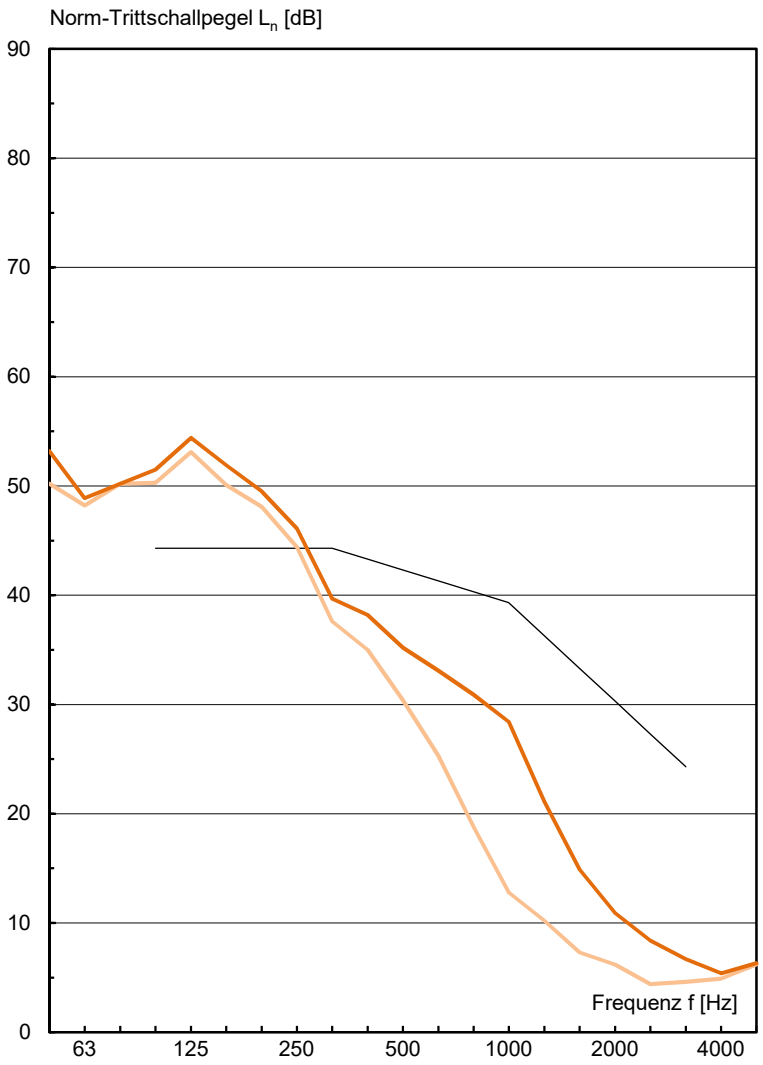
silence12		25
GKB 12.5mm an Lattung 24mm	37	16
	447	327

$L_{n,w}$ (C_I) = 43 (1) dB

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



	ift Rosenheim	mit Parkett (orientierend)
$L_{n,w}$	42.3	40.8
$C_{I,100\text{-}2500}$	1	1
$C_{I,50\text{-}2500}$	2	3
$C_{I,50\text{-}250}$	2	3

f [Hz]	L_n [dB]	L_n [dB]
50	53.2	50.2
63	48.9	48.2
80	50.2	50.2
100	51.5	50.3
125	54.4	53.1
160	51.9	50.1
200	49.5	48.1
250	46.1	44.4
315	39.7	37.6
400	38.2	35.0
500	35.2	30.4
630	33.1	25.3
800	30.9	18.8
1000	28.4	12.8
1250	21.1	10.2
1600	14.9	7.3
2000	10.9	6.2
2500	8.4	4.4
3150	6.7	4.6
4000	5.4	4.9
5000	6.3	6.2

Messung:	4139	4139
Datum:	18.07.13	18.07.13
Bezugsfläche:	10.0 m²	10.0 m³
Volumen:	63.0 m³	63.0 m³
Abweichung:		