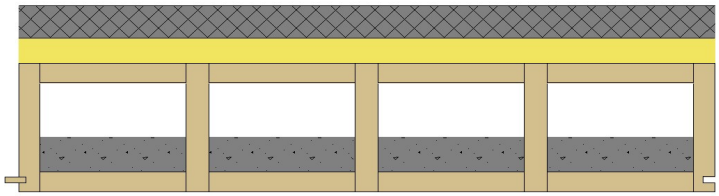
Schalldämm-Mass

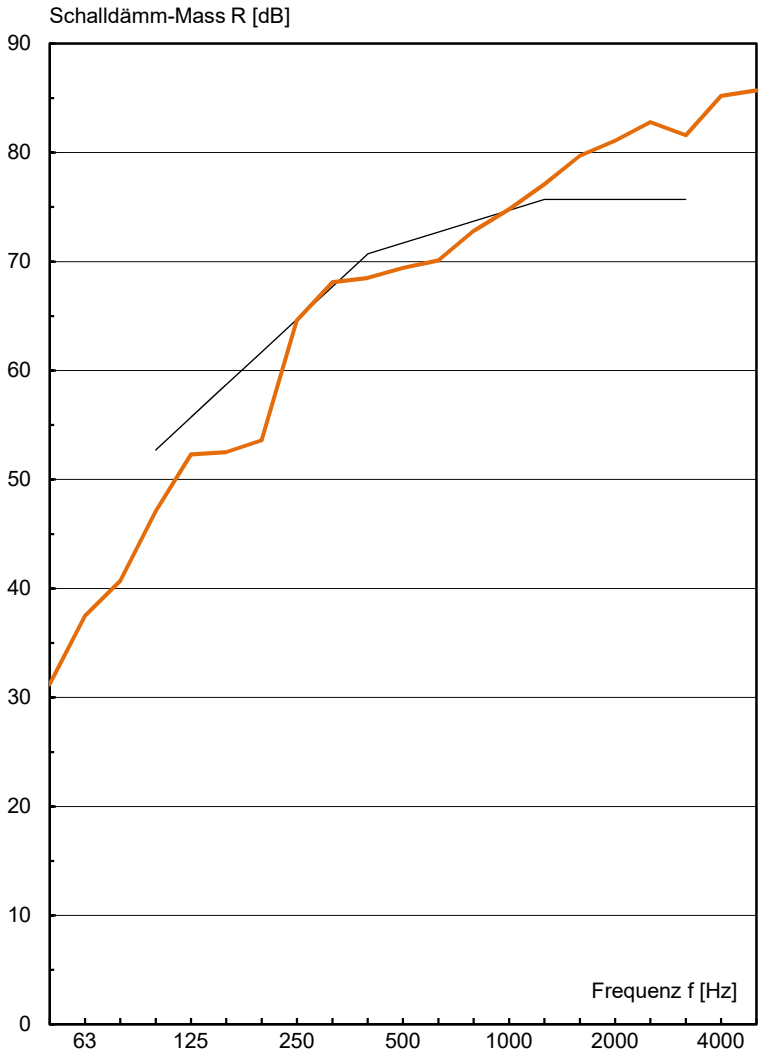
4311



	mm	kg/m²
Zementestrich	50	120
Isover Akustic EP 1, s' ≤ 7MN/m³	40	4
LIGNATUR Flächenelement	200	39
mit Schüttung 50kg/m²		50
	290	213

R_w (C ; C_{tr}) = 71 (-2 ; -8) dB

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



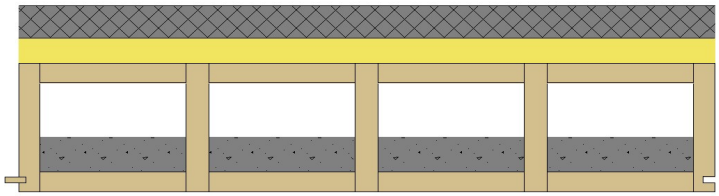
	ift Rosenheim
R_w	71.7
$C_{100\text{-}3150}$	-2
$C_{50\text{-}3150}$	-6
$C_{100\text{-}5000}$	-1
$C_{50\text{-}5000}$	-5
$C_{tr,100\text{-}3150}$	-8
$C_{tr,50\text{-}3150}$	-18
$C_{tr,100\text{-}5000}$	-8
$C_{tr,50\text{-}5000}$	-18

f [Hz]	R [dB]
50	31.2
63	37.5
80	40.7
100	47.1
125	52.3
160	52.5
200	53.6
250	64.6
315	68.1
400	68.5
500	69.4
630	70.1
800	72.8
1000	74.8
1250	77.1
1600	79.7
2000	81.1
2500	82.8
3150	81.6
4000	85.2
5000	85.7

Messung: 4311
Datum: 25.03.20
Prüffläche: 20.0 m²
Volumen: 62.0 m³
Abweichung:

Norm-Trittschallpegel

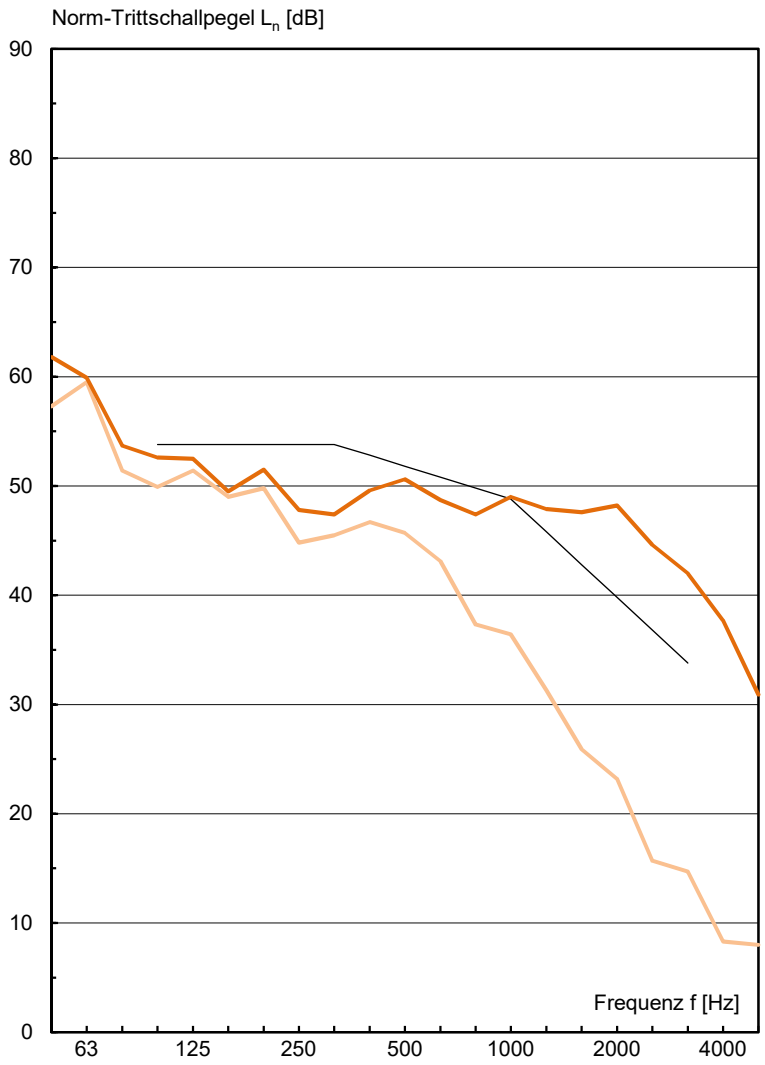
4311



	mm	kg/m²
Zementestrich	50	120
Isover Akustic EP 1, s' ≤ 7MN/m³	40	4
LIGNATUR Flächenelement	200	39
mit Schüttung 50kg/m²		50
	290	213

$L_{n,w}$ (C_I) = 52 (-6) dB

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



	ift Rosenheim	mit Parkett (orientierend)
$L_{n,w}$	51.8	42.5
$C_{I,100-2500}$	-6	0
$C_{I,50-2500}$	-1	5
$C_{I,50-250}$	-2	5

f [Hz]	L_n [dB]	L_n [dB]
50	61.8	57.3
63	59.9	59.5
80	53.7	51.4
100	52.6	49.9
125	52.5	51.4
160	49.5	49.0
200	51.5	49.8
250	47.8	44.8
315	47.4	45.5
400	49.6	46.7
500	50.6	45.7
630	48.7	43.1
800	47.4	37.3
1000	49.0	36.4
1250	47.9	31.3
1600	47.6	25.9
2000	48.2	23.2
2500	44.6	15.7
3150	42.0	14.7
4000	37.7	8.3
5000	30.9	8.0

Messung:	4311	4311
Datum:	25.03.20	25.03.20
Bezugsfläche:	10.0 m²	10.0 m³
Volumen:	62.0 m³	62.0 m³
Abweichung:		