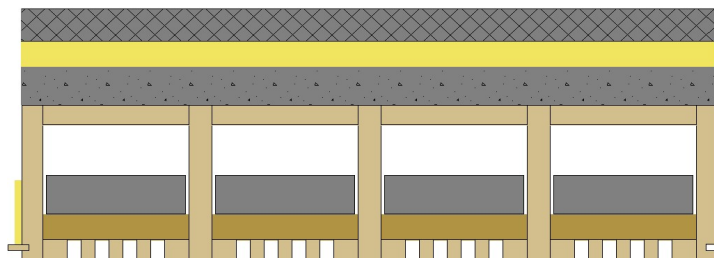


Schalldämm-Mass

4146

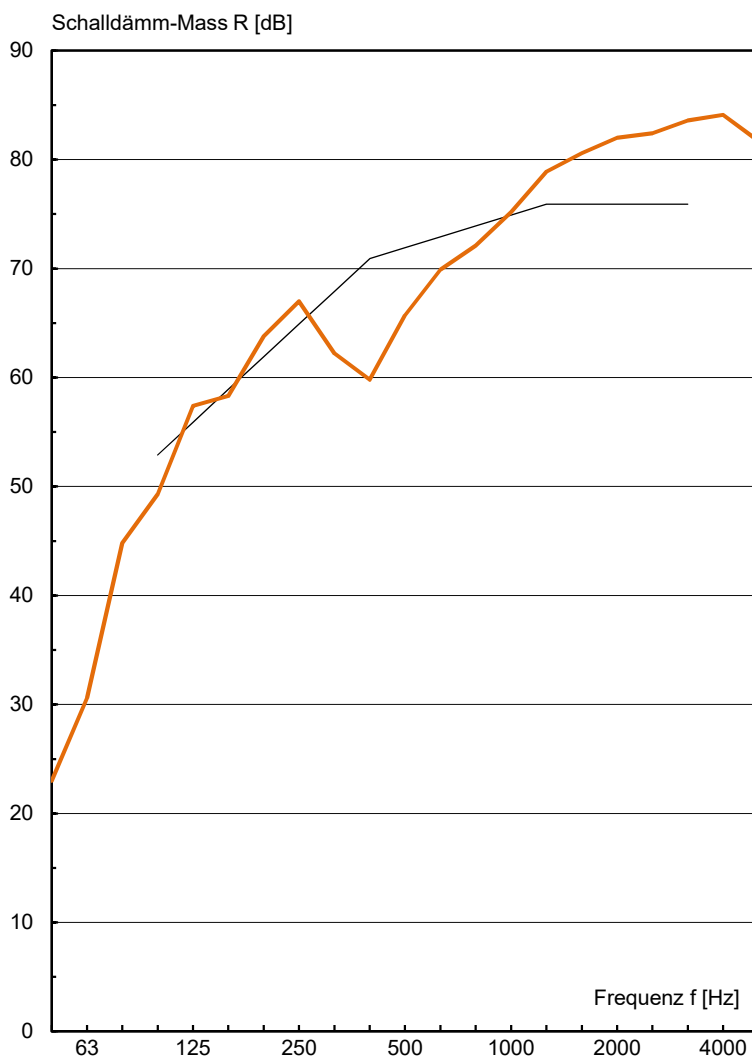
mm kg/m²



Zementestrich	50	120
Isover Akustic EP 1, $s' \leq 7 \text{ MN/m}^3$	40	4
Splitt	60	90
LIGNATUR Flächenelement	240	42
REI30 mit Fugendämmung		
silence12		25
Akustik Typ 3.1		4
	390	285

$$R_w (C; C_{tr}) = 71 (-1; -6) \text{ dB}$$

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



R_w	71.9
$C_{100-3150}$	-1
$C_{50-3150}$	-10
$C_{100-5000}$	0
$C_{50-5000}$	-9
$C_{tr,100-3150}$	-6
$C_{tr,50-3150}$	-24
$C_{tr,100-5000}$	-6
$C_{tr,50-5000}$	-24

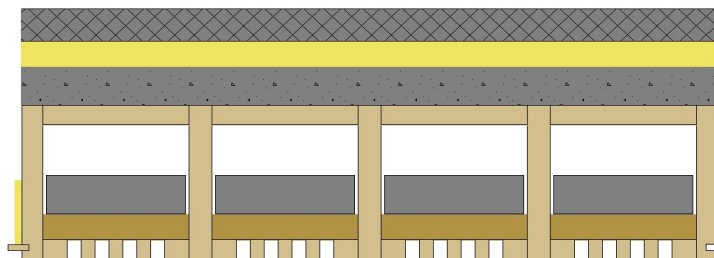
f	R
[Hz]	[dB]
50	23.0
63	30.6
80	44.8
100	49.3
125	57.4
160	58.3
200	63.8
250	67.0
315	62.2
400	59.8
500	65.7
630	69.9
800	72.1
1000	75.2
1250	78.9
1600	80.6
2000	82.0
2500	82.4
3150	83.6
4000	84.1
5000	81.7

Messung: 4146
 Datum: 31.10.13
 Prüffläche: 20.0 m²
 Volumen: 63.0 m³
 Abweichung:

Norm-Trittschallpegel

4146

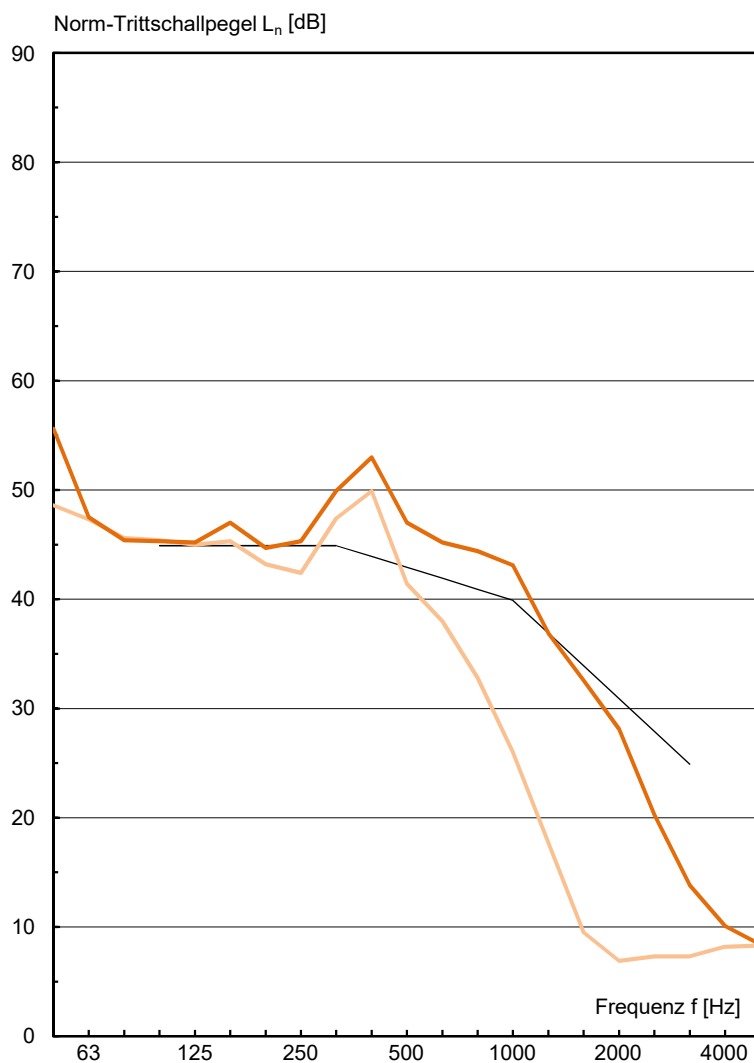
mm kg/m²



Zementestrich	50	120
Isover Akustic EP 1, s' ≤ 7MN/m ³	40	4
Splitt	60	90
LIGNATUR Flächenelement	240	42
REI30 mit Fugendämmung		
silence12		25
Akustik Typ 3.1		4
	390	285

$$L_{n,w} (C_I) = 43 (0) \text{ dB}$$

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



	ift Rosenheim	mit Parkett (orientierend)
L _{n,w}	42.9	39.4
C _{I,100-2500}	0	0
C _{I,50-2500}	2	2
C _{I,50-250}	0	0

f [Hz]	L _n [dB]	L _n [dB]
50	55.6	48.6
63	47.5	47.3
80	45.4	45.6
100	45.3	45.4
125	45.2	45.0
160	47.0	45.3
200	44.7	43.2
250	45.3	42.4
315	49.9	47.4
400	53.0	49.9
500	47.0	41.4
630	45.2	38.0
800	44.4	32.8
1000	43.1	26.0
1250	36.9	17.7
1600	32.6	9.5
2000	28.1	6.9
2500	20.3	7.3
3150	13.8	7.3
4000	10.1	8.2
5000	8.4	8.3

Messung: 4146 4146
 Datum: 31.10.13 31.10.13
 Bezugsfläche: 10.0 m² 10.0 m²
 Volumen: 63.0 m³ 63.0 m³
 Abweichung: