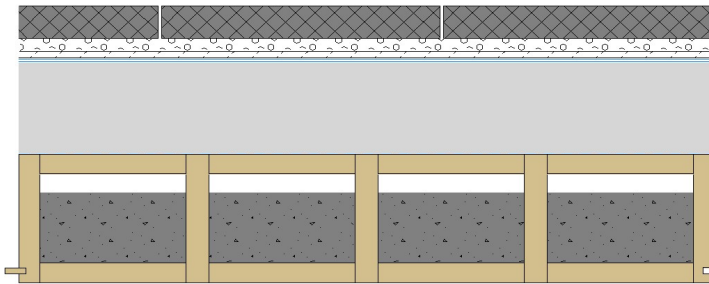


## Schalldämm-Mass

# 4115

mm kg/m<sup>2</sup>



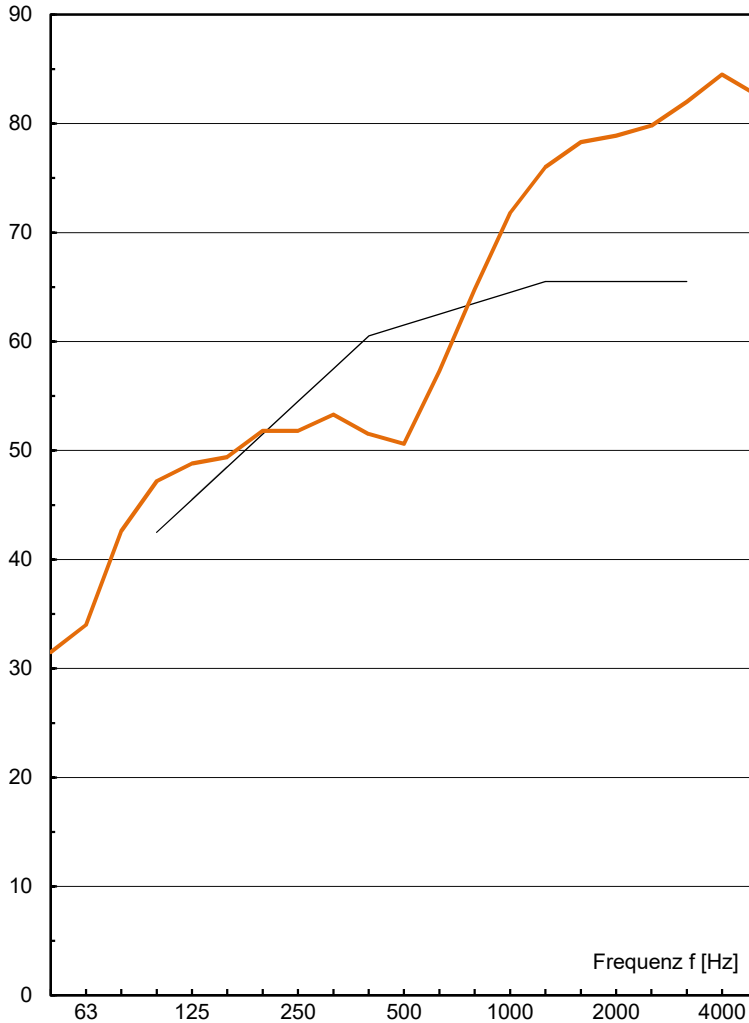
Betonplatten 400x400	50	110
Edelsplitt 20mm, Dränelement 10mm	30	31
Elastomerbitumenbahn zweilagig	8	10
Hartschaum BauderPIR M	140	4
Dampfbremse BauderTEC KSD talk	3	3
LIGNATUR Flächenelement mit Schüttung 100kg/m <sup>2</sup>	200	39
		100

431 297

$$R_w (C ; C_{tr}) = 61 (-2 ; -4) \text{ dB}$$

( C = C<sub>100-3150</sub> ; C<sub>tr</sub> = C<sub>tr,100-3150</sub> )

Schalldämm-Mass R [dB]



ift Rosenheim

R <sub>w</sub>	<b>61.5</b>
C <sub>100-3150</sub>	-2
C <sub>50-3150</sub>	-2
C <sub>100-5000</sub>	-1
C <sub>50-5000</sub>	-1
C <sub>tr,100-3150</sub>	-4
C <sub>tr,50-3150</sub>	-9
C <sub>tr,100-5000</sub>	-4
C <sub>tr,50-5000</sub>	-9

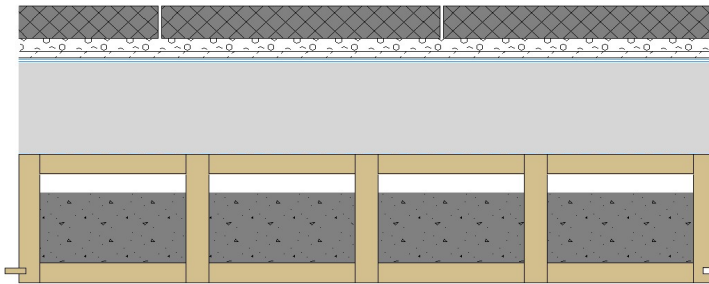
f [Hz]	R [dB]
50	31.5
63	34.0
80	42.6
100	47.2
125	48.8
160	49.4
200	51.8
250	51.8
315	53.3
400	51.5
500	50.6
630	57.3
800	64.8
1000	71.8
1250	76.0
1600	78.3
2000	78.9
2500	79.8
3150	82.0
4000	84.5
5000	82.6

Messung: **4115**  
 Datum: 19.12.12  
 Prüffläche: 20.0 m<sup>2</sup>  
 Volumen: 63.0 m<sup>3</sup>  
 Abweichung: Elemente oben

## Norm-Trittschallpegel

# 4115

mm kg/m<sup>2</sup>



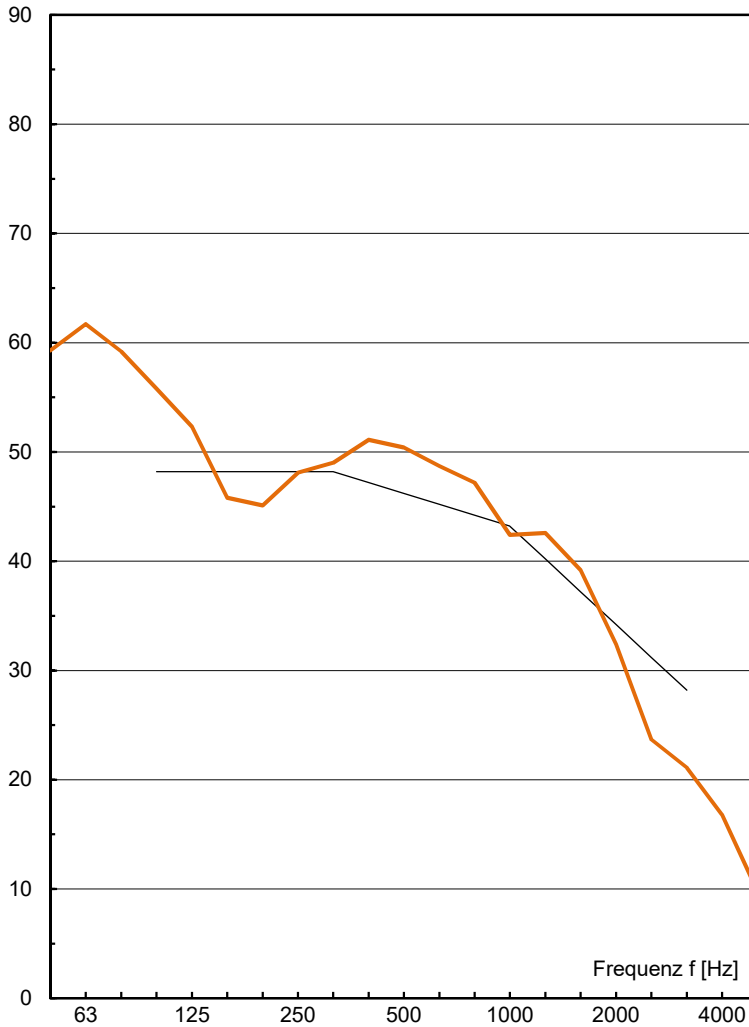
Betonplatten 400x400	50	110
Edelsplitt 20mm, Dränelement 10mm	30	31
Elastomerbitumenbahn zweilagig	8	10
Hartschaum BauderPIR M	140	4
Dampfbremse BauderTEC KSD talk	3	3
LIGNATUR Flächenelement mit Schüttung 100kg/m <sup>2</sup>	200	39
		100

431 297

$$L_{n,w} (C_1) = 47 (-1) \text{ dB}$$

( $C_1 = C_{1,100-2500}$ )

Norm-Trittschallpegel  $L_n$  [dB]



ift Rosenheim

$L_{n,w}$	46.2
$C_{1,100-2500}$	-1
$C_{1,50-2500}$	4
$C_{1,50-250}$	4

f [Hz]	$L_n$ [dB]
50	59.3
63	61.7
80	59.2
100	55.8
125	52.3
160	45.8
200	45.1
250	48.1
315	49.0
400	51.1
500	50.4
630	48.7
800	47.2
1000	42.4
1250	42.6
1600	39.2
2000	32.4
2500	23.7
3150	21.1
4000	16.8
5000	9.8

Messung: **4115**  
 Datum: 19.12.12  
 Bezugsfläche: 10.0 m<sup>2</sup>  
 Volumen: 63.0 m<sup>3</sup>  
 Abweichung: Elemente oben