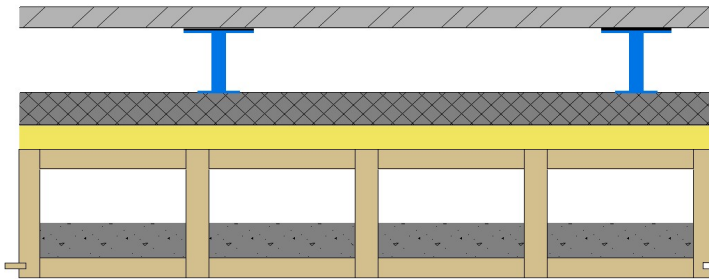


Schalldämm-Mass

4329

mm kg/m²



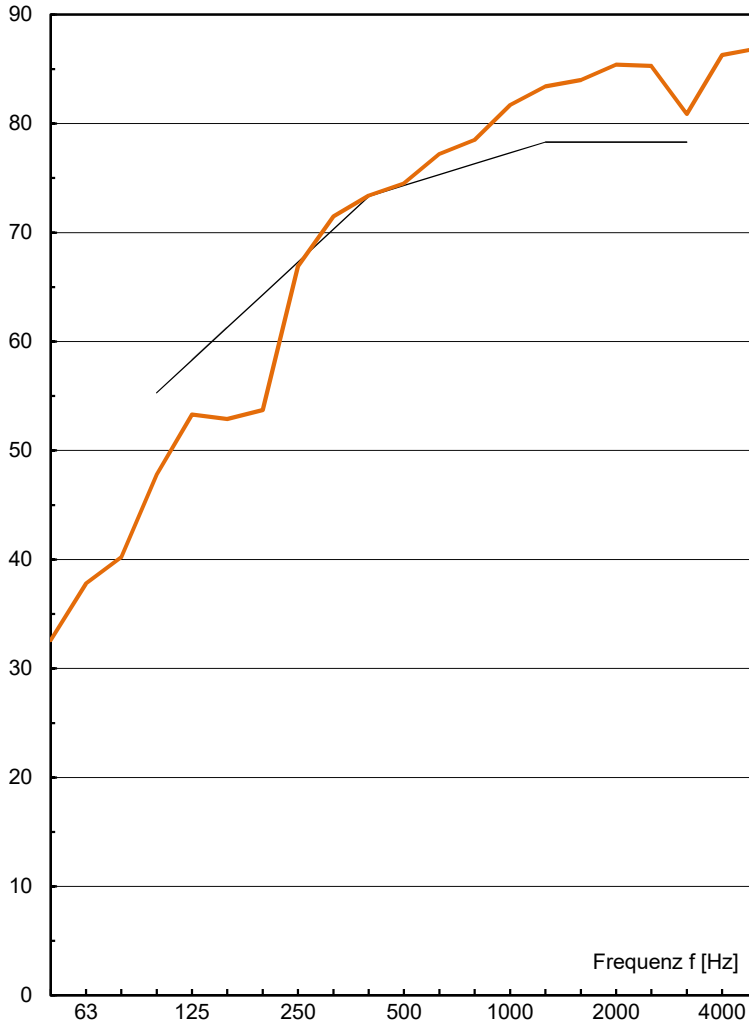
Hohlboden 32mm GIFAfloor PGR	132	52
Zementestrich	50	120
Isover Akustic EP 1, s' ≤ 7MN/m ³	40	4
LIGNATUR Flächenelement mit Schüttung 50kg/m ²	200	39
		50

422 265

$$R_w (C ; C_{tr}) = 74 (-4 ; -10) \text{ dB}$$

(C = C₁₀₀₋₃₁₅₀ ; C_{tr} = C_{tr,100-3150})

Schalldämm-Mass R [dB]



ift Rosenheim

R _w	74.3
C ₁₀₀₋₃₁₅₀	-4
C ₅₀₋₃₁₅₀	-8
C ₁₀₀₋₅₀₀₀	-3
C ₅₀₋₅₀₀₀	-7
C _{tr,100-3150}	-10
C _{tr,50-3150}	-20
C _{tr,100-5000}	-10
C _{tr,50-5000}	-20

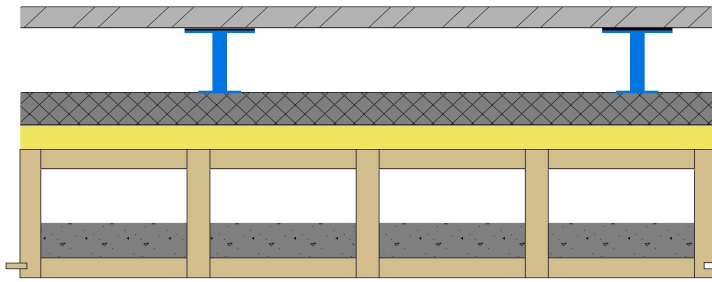
f [Hz]	R [dB]
50	32.6
63	37.8
80	40.2
100	47.8
125	53.3
160	52.9
200	53.7
250	66.9
315	71.5
400	73.4
500	74.5
630	77.2
800	78.5
1000	81.7
1250	83.4
1600	84.0
2000	85.4
2500	85.3
3150	80.9
4000	86.3
5000	86.9

Messung: 4329
 Datum: 26.03.20
 Prüffläche: 20.0 m²
 Volumen: 62.0 m³
 Abweichung:

Norm-Trittschallpegel

4329

mm kg/m²



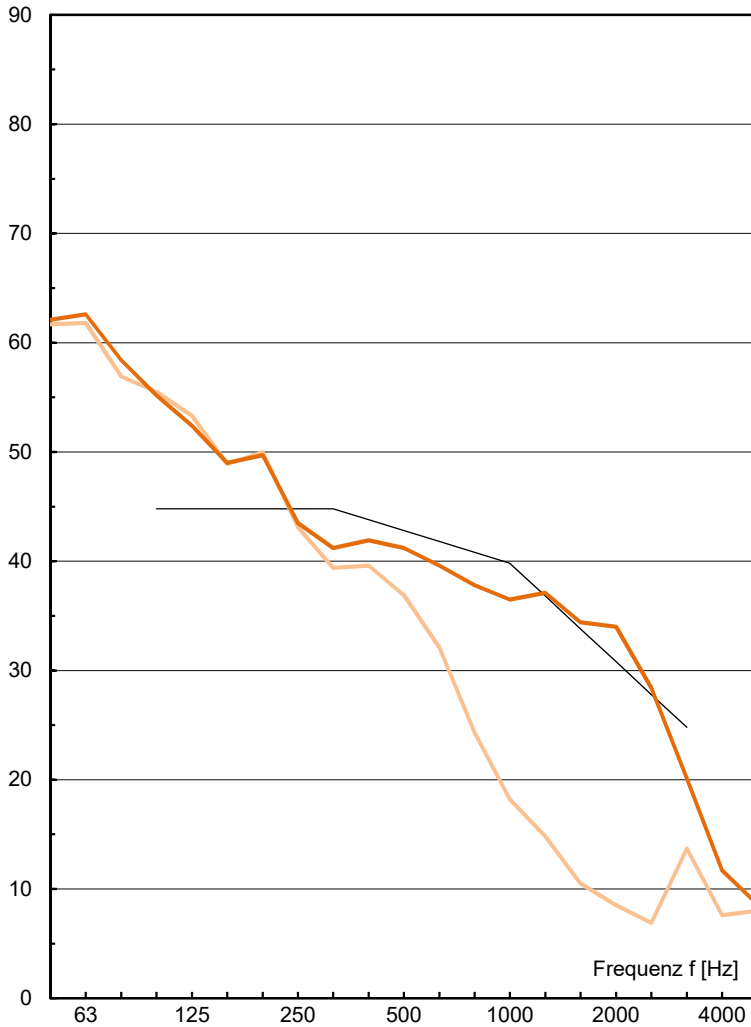
Hohlboden 32mm GIFAfloor PGR	132	52
Zementestrich	50	120
Isover Akustic EP 1, s' ≤ 7MN/m ³	40	4
LIGNATUR Flächenelement mit Schüttung 50kg/m ²	200	39
		50

422 265

$$L_{n,w} (C_1) = 43 (1) \text{ dB}$$

(C₁ = C_{1,100-2500})

Norm-Trittschallpegel L_n [dB]



	ift Rosenheim	mit Parkett (orientierend)
L _{n,w}	42.8	42.0
C _{1,100-2500}	1	2
C _{1,50-2500}	9	9
C _{1,50-250}	9	9

f [Hz]	L _n [dB]	L _n [dB]
50	62.1	61.7
63	62.6	61.8
80	58.4	56.9
100	55.2	55.5
125	52.4	53.3
160	49.0	48.9
200	49.7	50.0
250	43.5	43.1
315	41.2	39.4
400	41.9	39.6
500	41.2	36.9
630	39.6	32.1
800	37.8	24.3
1000	36.5	18.2
1250	37.1	14.8
1600	34.4	10.5
2000	34.0	8.5
2500	28.4	6.9
3150	20.1	13.7
4000	11.7	7.6
5000	8.6	8.0

Messung:	4329	4329
Datum:	26.03.20	26.03.20
Bezugsfläche:	10.0 m ²	10.0 m ²
Volumen:	62.0 m ³	62.0 m ³
Abweichung:		