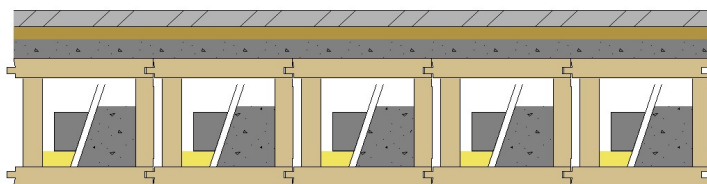


## Schalldämm-Mass

4154

mm kg/m²

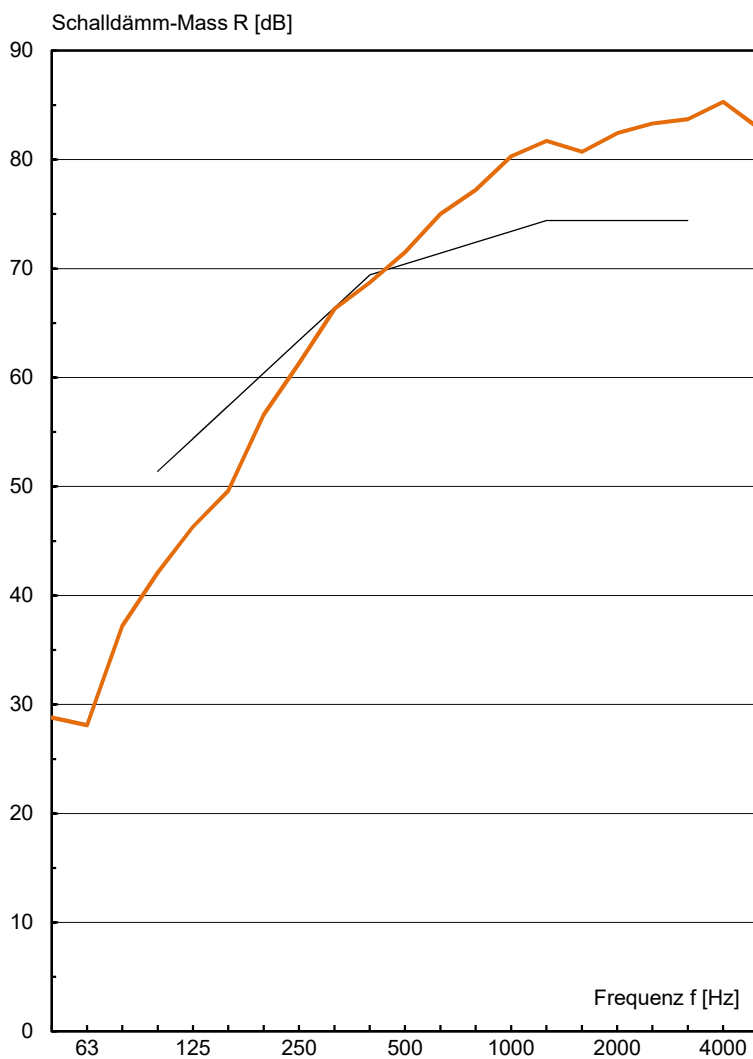


|                                 |     |    |
|---------------------------------|-----|----|
| Fermacell Estrich-Element       | 25  | 29 |
| Gutex Thermofloor, s' ≤ 30MN/m³ | 20  | 4  |
| Fermacell Wabenschüttung        | 30  | 45 |
| LIGNATUR Kastenelement          | 200 | 47 |
| silence12                       |     | 25 |
| mit Schüttung 75kg/m²           |     | 75 |

275 225

$$R_w (C; C_{tr}) = 70 (-4; -11) \text{ dB}$$

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



ift Rosenheim

|                          |      |
|--------------------------|------|
| R <sub>w</sub>           | 70.4 |
| C <sub>100-3150</sub>    | -4   |
| C <sub>50-3150</sub>     | -9   |
| C <sub>100-5000</sub>    | -3   |
| C <sub>50-5000</sub>     | -8   |
| C <sub>tr,100-3150</sub> | -11  |
| C <sub>tr,50-3150</sub>  | -22  |
| C <sub>tr,100-5000</sub> | -11  |
| C <sub>tr,50-5000</sub>  | -22  |

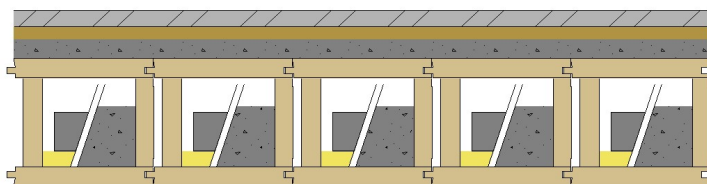
| f [Hz] | R [dB] |
|--------|--------|
| 50     | 28.8   |
| 63     | 28.1   |
| 80     | 37.2   |
| 100    | 42.1   |
| 125    | 46.3   |
| 160    | 49.6   |
| 200    | 56.6   |
| 250    | 61.3   |
| 315    | 66.3   |
| 400    | 68.7   |
| 500    | 71.5   |
| 630    | 75.0   |
| 800    | 77.2   |
| 1000   | 80.3   |
| 1250   | 81.7   |
| 1600   | 80.7   |
| 2000   | 82.4   |
| 2500   | 83.3   |
| 3150   | 83.7   |
| 4000   | 85.3   |
| 5000   | 82.9   |

Messung: 4154  
 Datum: 16.01.14  
 Prüffläche: 20.0 m²  
 Volumen: 63.0 m³  
 Abweichung:

## Norm-Trittschallpegel

4154

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



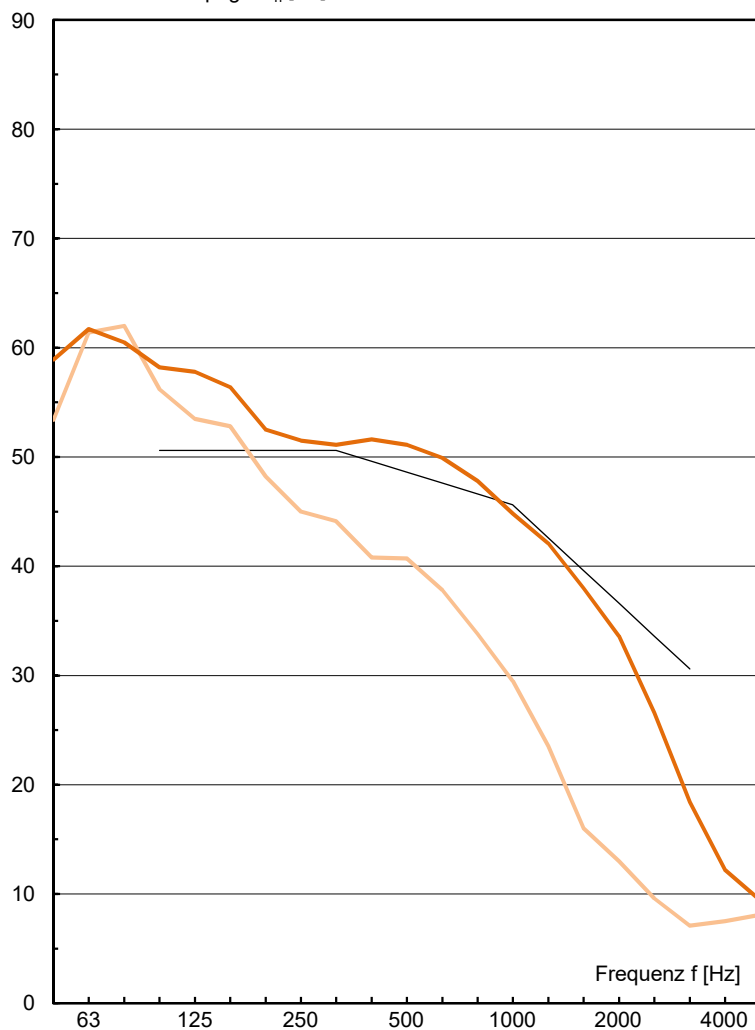
|                                             |     |    |
|---------------------------------------------|-----|----|
| Fermacell Estrich-Element                   | 25  | 29 |
| Gutex Thermofloor, s' ≤ 30MN/m <sup>3</sup> | 20  | 4  |
| Fermacell Wabenschüttung                    | 30  | 45 |
| LIGNATUR Kastenenelement                    | 200 | 47 |
| silence12                                   |     | 25 |
| mit Schüttung 75kg/m <sup>2</sup>           |     | 75 |

275 225

$$L_{n,w} (C_1) = 49 (0) \text{ dB}$$

(C<sub>1</sub> = C<sub>1,100-2500</sub>)

Norm-Trittschallpegel L<sub>n</sub> [dB]



|                         | ift Rosenheim | mit Parkett<br>(orientierend) |
|-------------------------|---------------|-------------------------------|
| L <sub>n,w</sub>        | 48.6          | 42.8                          |
| C <sub>1,100-2500</sub> | 0             | 2                             |
| C <sub>1,50-2500</sub>  | 4             | 8                             |
| C <sub>1,50-250</sub>   | 3             | 8                             |

| f [Hz] | L <sub>n</sub> [dB] | L <sub>n</sub> [dB] |
|--------|---------------------|---------------------|
| 50     | 58.9                | 53.4                |
| 63     | 61.7                | 61.4                |
| 80     | 60.5                | 62.0                |
| 100    | 58.2                | 56.2                |
| 125    | 57.8                | 53.5                |
| 160    | 56.4                | 52.8                |
| 200    | 52.5                | 48.2                |
| 250    | 51.5                | 45.0                |
| 315    | 51.1                | 44.1                |
| 400    | 51.6                | 40.8                |
| 500    | 51.1                | 40.7                |
| 630    | 49.9                | 37.8                |
| 800    | 47.8                | 33.8                |
| 1000   | 44.8                | 29.5                |
| 1250   | 42.1                | 23.5                |
| 1600   | 38.0                | 16.0                |
| 2000   | 33.6                | 13.0                |
| 2500   | 26.6                | 9.6                 |
| 3150   | 18.4                | 7.1                 |
| 4000   | 12.2                | 7.5                 |
| 5000   | 9.4                 | 8.1                 |

Messung: 4154 4154  
 Datum: 16.01.14 16.01.14  
 Bezugsfläche: 10.0 m<sup>2</sup> 10.0 m<sup>2</sup>  
 Volumen: 63.0 m<sup>3</sup> 63.0 m<sup>3</sup>  
 Abweichung: