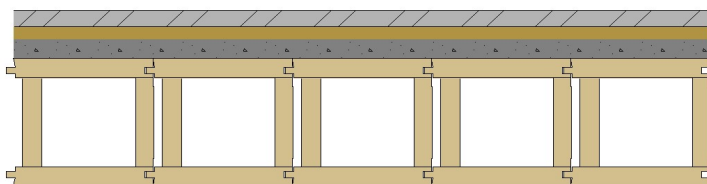


## Schalldämm-Mass

# 4168

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



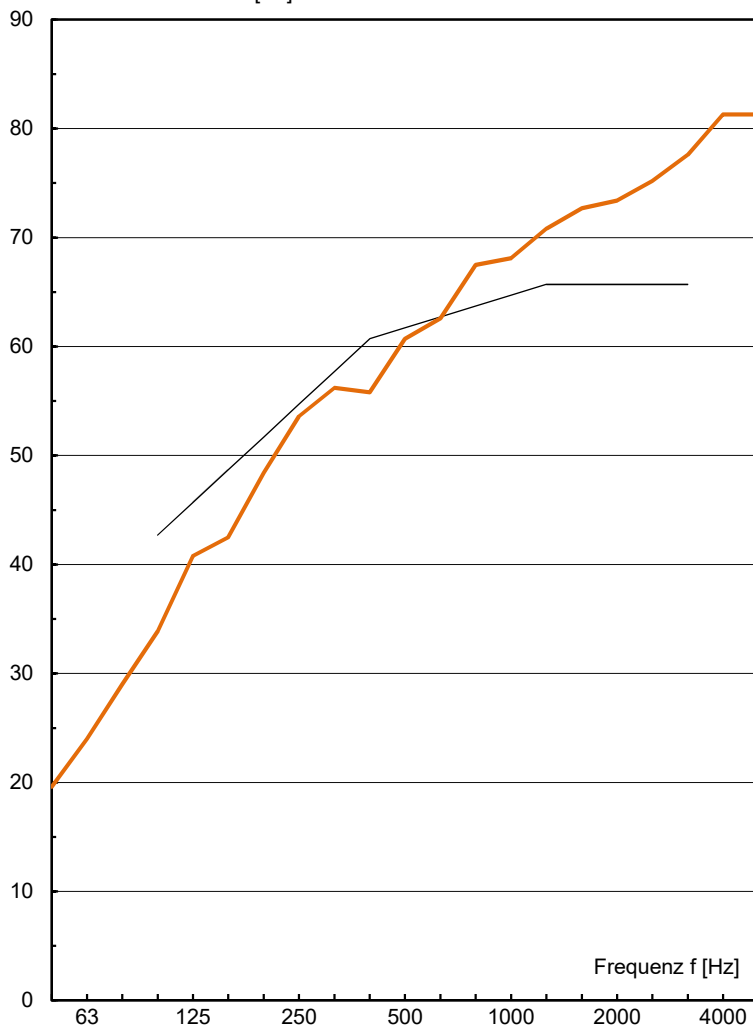
|   |     |    |
|---|-----|----|
| Fermacell Estrich-Element                   | 25  | 29 |
| Gutex Thermofloor, s' ≤ 30MN/m <sup>3</sup> | 20  | 4  |
| Fermacell Wabenschüttung                    | 30  | 45 |
| LIGNATUR Kastenenelement                    | 200 | 47 |

275 125

$$R_w (C ; C_{tr}) = 61 (-3 ; -9) \text{ dB}$$

( 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>61.7</b> |
| C <sub>100-3150</sub>    | -3          |
| C <sub>50-3150</sub>     | -7          |
| C <sub>100-5000</sub>    | -2          |
| C <sub>50-5000</sub>     | -6          |
| C <sub>tr,100-3150</sub> | -9          |
| C <sub>tr,50-3150</sub>  | -20         |
| C <sub>tr,100-5000</sub> | -9          |
| C <sub>tr,50-5000</sub>  | -20         |

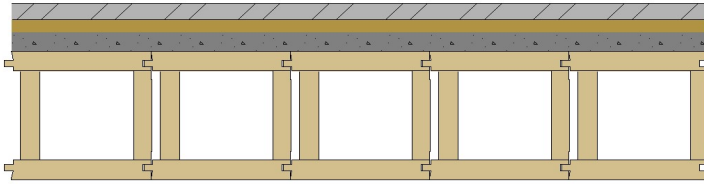
| f [Hz] | R [dB] |
|--------|--------|
| 50     | 19.6   |
| 63     | 24.0   |
| 80     | 29.0   |
| 100    | 33.9   |
| 125    | 40.8   |
| 160    | 42.5   |
| 200    | 48.4   |
| 250    | 53.6   |
| 315    | 56.2   |
| 400    | 55.8   |
| 500    | 60.7   |
| 630    | 62.6   |
| 800    | 67.5   |
| 1000   | 68.1   |
| 1250   | 70.8   |
| 1600   | 72.7   |
| 2000   | 73.4   |
| 2500   | 75.2   |
| 3150   | 77.6   |
| 4000   | 81.3   |
| 5000   | 81.3   |

Messung: **4168**  
 Datum: 29.09.08  
 Prüffläche: 20.0 m<sup>2</sup>  
 Volumen: 62.0 m<sup>3</sup>  
 Abweichung:

## Norm-Trittschallpegel

# 4168

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



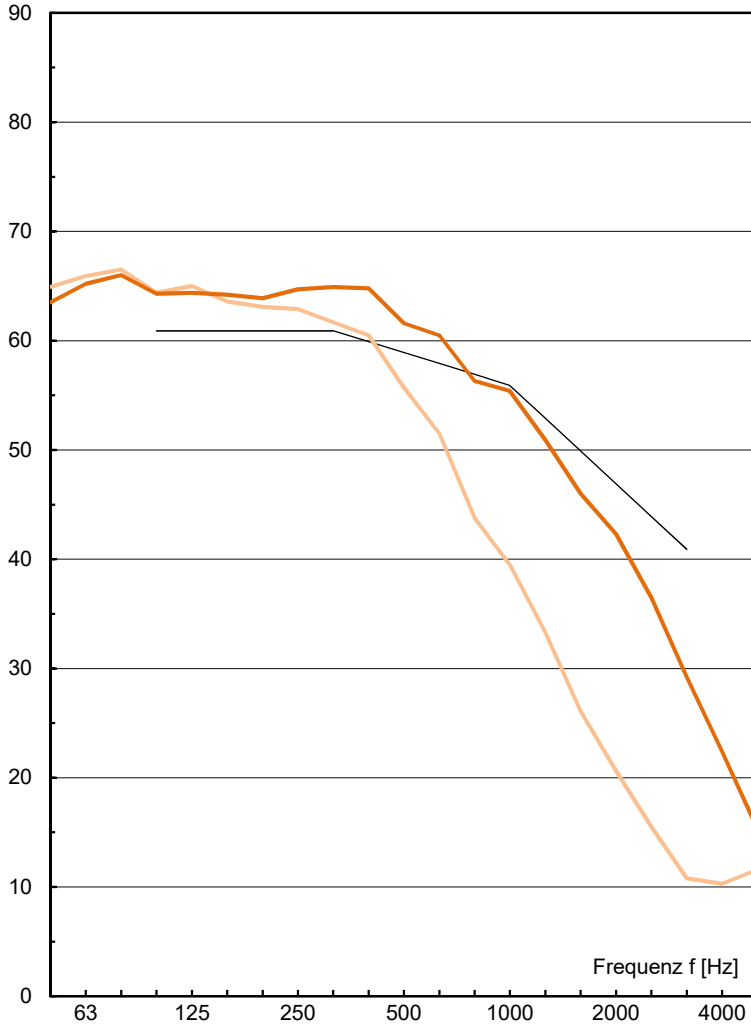
|   |     |    |
|---|-----|----|
| Fermacell Estrich-Element                   | 25  | 29 |
| Gutex Thermofloor, s' ≤ 30MN/m <sup>3</sup> | 20  | 4  |
| Fermacell Wabenschüttung                    | 30  | 45 |
| LIGNATUR Kastenelement                      | 200 | 47 |

275 125

$$L_{n,w} (C_1) = 59 (0) \text{ dB}$$

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

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



|                         | ift Rosenheim | mit Parkett (orientierend) |
|-------------------------|---------------|----------------------------|
| L <sub>n,w</sub>        | 58.9          | 56.6                       |
| C <sub>1,100-2500</sub> | 0             | 0                          |
| C <sub>1,50-2500</sub>  | 1             | 2                          |
| C <sub>1,50-250</sub>   | 0             | 2                          |

| f [Hz] | L <sub>n</sub> [dB] | L <sub>n</sub> [dB] |
|--------|---------------------|---------------------|
| 50     | 63.5                | 64.9                |
| 63     | 65.2                | 65.9                |
| 80     | 66.0                | 66.5                |
| 100    | 64.3                | 64.4                |
| 125    | 64.4                | 65.0                |
| 160    | 64.2                | 63.6                |
| 200    | 63.9                | 63.1                |
| 250    | 64.7                | 62.9                |
| 315    | 64.9                | 61.7                |
| 400    | 64.8                | 60.5                |
| 500    | 61.6                | 55.7                |
| 630    | 60.5                | 51.5                |
| 800    | 56.3                | 43.8                |
| 1000   | 55.4                | 39.5                |
| 1250   | 50.9                | 33.3                |
| 1600   | 46.0                | 26.1                |
| 2000   | 42.3                | 20.6                |
| 2500   | 36.5                | 15.5                |
| 3150   | 29.2                | 10.8                |
| 4000   | 22.4                | 10.3                |
| 5000   | 15.3                | 11.6                |

|               |                     |                     |
|---------------|---------------------|---------------------|
| Messung:      | 4168                | 4168                |
| Datum:        | 29.09.08            | 29.09.08            |
| Bezugsfläche: | 10.0 m <sup>2</sup> | 10.0 m <sup>2</sup> |
| Volumen:      | 62.0 m <sup>3</sup> | 62.0 m <sup>3</sup> |
| Abweichung:   |                     |                     |