




## E3601-03

### Timber beam ceiling; F30-B

	Construction Material	Dimension
<b>A</b>	<b>EGGER OSB</b>	<b>22 mm</b>
<b>B</b>	Rock wool impact sound insulation 30 kg/m <sup>3</sup> , s' < 15 MN/m <sup>2</sup>	20 mm
<b>C</b>	Loose filling 45 kg/m <sup>2</sup>	30 mm
<b>D</b>	<b>EGGER OSB</b>	<b>15 mm</b>
<b>E</b>	<b>Floor beam</b> for 3,65 kN/m <sup>2</sup> a ≤ 625 mm, l ≤ 5.000 mm	<b>80 × 200 mm</b>
<b>F</b>	Rock wool 30 kg/m <sup>3</sup>	60 mm
<b>G</b>	<b>Battens a ≤ 500 mm</b>	<b>22/80 mm</b>
<b>H</b>	Gypsum fire board or gypsum fibre board	12,5 mm
	<b>Fire classification report</b>	DIN 4102-4, Table 10.11, Row 2
	<b>Sound insulation</b> Airborne sound R' <sub>w,R</sub> DIN 4109 Informationsdienst Holz, Row 3, Part 3, Part 3, Mai 1999	> 50 dB
	<b>Impact sound</b> L' <sub>n,w,R</sub> DIN 4109 Informationsdienst Holz, Row 3, Part 3, Part 3, Mai 1999	56 dB