




## E3701-02

### Timber beam ceiling; REI 30

 Construction Material	Dimension
<b>A</b> Mastic asphalt on corrugated cardboard	25 mm
<b>B</b> <b>EGGER OSB</b>	<b>12 mm</b>
<b>C</b> Rock wool impact sound insulation 30 kg/m <sup>3</sup> , s' < 15 MN/m <sup>2</sup>	40 mm
<b>D</b> <b>EGGER OSB</b>	<b>22 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> Glass wool 11 kg/m <sup>3</sup> Rock wool 30 kg/m <sup>3</sup> Cellulose insulation 50 kg/m <sup>3</sup> Wood fibre insulation board 45 kg/m <sup>3</sup> Hemp 30 kg/m <sup>3</sup> or Sheep wool 16 kg/m <sup>3</sup>	100 mm
<b>G</b> <b>Battens a ≤ 500 mm</b>	<b>22/80 mm</b>
<b>H</b> Spring clip between battens a = 400 mm	27 mm
<b>I</b> Gypsum fire board	12,5 mm
 <b>Fire classification report</b>	Test load 3,66 kN/m <sup>2</sup> Fire exposure bottom side: Classification report HF Austria 2586/2018/25
 <b>Sound insulation</b> Airborne sound R' <sub>w,R</sub> DIN 4109 Informationsdienst Holz, Row 3, Part 3, Part 3, Mai 1999	> 54 dB
Impact sound L' <sub>n,w,R</sub> DIN 4109 Informationsdienst Holz, Row 3, Part 3, Part 3, Mai 1999	52 dB