




## E3501-03

### Timber beam ceiling; F30-B

	Construction Material	Dimension
<b>A</b>	<b>EGGER OSB</b>	<b>18 mm</b>
<b>B</b>	Rock wool impact sound insulation 30 kg/m <sup>3</sup> , s' < 15 MN/m <sup>2</sup>	15 mm
<b>C</b>	<b>EGGER OSB</b>	<b>15 mm</b>
<b>D</b>	Rock wool 30 kg/m <sup>3</sup>	60 mm
<b>E</b>	<b>Floor beam</b> for 3,65 kN/m <sup>2</sup> a ≤ 625 mm, l ≤ 5.000 mm	<b>80 × 220 mm</b>
<b>F</b>	<b>EGGER OSB</b>	<b>15 mm</b>
<b>G</b>	Gypsum fire board	9,5 mm
	<b>Fire classification report</b>	DIN 4102-4, Table 10.11, Row 2
	<b>Heat/moisture protection</b> U-value (W/m <sup>2</sup> K) EN ISO 6946	for the upper floor ceiling, with insulation of $\lambda_R = 0.035 \text{ W/mK}$ the requirement $g U = 0.20 \text{ W/m}^2\text{K}$ is fulfilled