




E3201-03

Timber beam ceiling; F30-B

 Construction Material	Dimension
A EGGER OSB	18 mm
B Rock wool impact sound insulation 30 kg/m ³ , s' < 15 MN/m ²	25 mm
C Concrete boards for weighting with > 140 kg/m ² surface weight, glued across the entire surface (tile and bitumen adhesive) or placed in 5 mm quartz sand with drip protection	60 mm
D EGGER OSB	25 mm
E Beam	100 × 280 mm
 Fire classification report	DIN 4102-4, Table 10.16, Row 1; Design beam for 3-sided fire exposure
 Sound insulation Airborne sound R' _{w,R} DIN 4109 Informationsdienst Holz, Row 3, Part 3, Part 3, Mai 1999	> 50 dB
Impact sound L' _{n,w,R} DIN 4109 Informationsdienst Holz, Row 3, Part 3, Part 3, Mai 1999	53 dB