




E3601-02

Timber beam ceiling; REI 30

 Construction Material	Dimension
A EGGER OSB	22 mm
B Rock wool impact sound insulation 30 kg/m ³ , s' < 15 MN/m ²	20 mm
C Loose filling 45 kg/m ²	30 mm
D Drip protection paper	-
E EGGER OSB	15 mm
F Floor beam for 3,65 kN/m ² a ≤ 625 mm, l ≤ 5.000 mm	80 × 200 mm
G Rock wool 30 kg/m ³	60 mm
H Battens a ≤ 500 mm	22/80 mm
I Gypsum fire board	12,5 mm
 Fire classification report	Test load 3,66 kN/m ² Fire exposure bottom side: Classification report HF Austria 2586/2018/25
 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	56 dB