




E3701-03

Timber beam ceiling; F30-B

	Construction Material	Dimension
A	Mastic asphalt on corrugated cardboard	25 mm
B	EGGER OSB	12 mm
C	Rock wool impact sound insulation 30 kg/m ³ , s' < 15 MN/m ²	40 mm
D	EGGER OSB	22 mm
E	Floor beam for 3,65 kN/m ² a ≤ 625 mm, l ≤ 5.000 mm	80 × 200 mm
F	Rock wool 30 kg/m ³	100 mm
G	Battens a ≤ 500 mm	22/80 mm
H	Spring clip between battens a = 400 mm	27 mm
I	Gypsum fire board	12,5 mm
	Fire classification report	DIN 4102-4:2016: Table 10.11, Row 1
	Sound insulation Airborne sound R' _{w,R} DIN 4109 Informationsdienst Holz, Row 3, Part 3, Part 3, Mai 1999	> 54 dB
	Impact sound L' _{n,w,R} DIN 4109 Informationsdienst Holz, Row 3, Part 3, Part 3, Mai 1999	52 dB