




E3202-03

Timber beam ceiling; F30-B

	Construction Material	Dimension
A	Cement screed 115 kg/m ²	50 mm
B	Rock wool impact sound insulation 30 kg/m ³ , s' < 15 MN/m ²	35/30 mm
C	Loose filling 75 kg/m ²	30 mm
D	Drip protection paper	yes
E	EGGER OSB	22 mm
F	Exposed sheathing tongue and groove profile	16 mm
G	Beam	100 × 200 mm
	Fire classification report	DIN 4102-4, Table 10.16, Row 2 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	> 54 dB
	Impact sound L' _{n,w,R} DIN 4109 Informationsdienst Holz, Row 3, Part 3, Part 3, Mai 1999	53 dB