




E3702-02

Timber beam ceiling; REI 60

	Construction Material	Dimension
A	Cement screed Anhydrite screed	50 mm
B	Seperating layer	yes
C	Rock wool impact sound insulation 30 kg/m ³ , s' < 15 MN/m ²	30 mm
D	Loose filling 72 kg/m ²	40 mm
E	Drip protection paper	yes
F	EGGER OSB	22 mm
G	Between beams	80 × 220 mm
H	Glass wool 11 kg/m ³ Rock wool 30 kg/m ³ Cellulose insulation 50 kg/m ³ Wood fibre insulation board 45 kg/m ³ Hemp 30 kg/m ³ or Sheep wool 16 kg/m ³	100 mm
I	Battens a ≤ 500 mm	22/80 mm
J	Spring clip between battens a = 400 mm	27 mm
K	Gypsum fire board	12,5 mm
L	Gypsum fire board	12,5 mm
	Fire classification report	Test load 3.66 kN/m ² Fire exposure bottom side: Classification report HF Austria 2586/2018/28
	Sound insulation Airborne sound R _w (C,Ctr) www.dataholz.at Partition ceiling : tdrnxa03b (Nr. 4)	> 70 (0,-4) dB
	Impact sound L_{n,w}(CI) www.dataholz.at Partition ceiling : tdrnxa03b (Nr. 4)	41 (0) dB