




E3502-02

Timber beam ceiling; REI 30

	Construction Material	Dimension
A	EGGER OSB	22 mm
B	Rock wool 30 kg/m ³	200 mm
C	Floor beam for 3,65 kN/m ² a ≤ 625 mm, l ≤ 5.000 mm	80 × 220 mm
D	EGGER OSB	15 mm
	Fire classification report	Test load 3,66 kN/m ² Fire exposure bottom side: Classification report HF Austria 1446/2016/01-BB
	Heat/moisture protection U-value (W/m ² K) EN ISO 6946	for the upper floor ceiling, with insulation of $\lambda_R = 0.035 \text{ W/mK}$ the requirement $g U = 0.20 \text{ W/m}^2\text{K}$ is fulfilled