





E2101-02

Pitched roof; REI 30

	Construction Material	Dimension
A	Gypsum fire board or gypsum fibre board	15 mm
B	Vapour barrier	yes
C	Clapboard siding a = 400 mm	22 × 80 mm
D	Rafter a = 625 mm	80 × 220 mm
E	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	220 mm
F	EGGER DHF	15 mm
G	Roofing	yes
	Fire classification report	Test load 3,66 kN/m ² Fire exposure bottom side: Classification report HF Austria 1446/2016/01
	Sound insulation Airborne sound R' _{w,R} DIN 4109-Supplement 1, Table 39, Row 2	40 dB
	Heat/moisture protection U-value (W/m ² K) 10% wood content EN ISO 6946	Heat insulation TCG 040 200 / 220 / 260 mm 0,32 / 0,21 / 0,18 Case A - free of condensation