





E2506-02

Flat pitched roof; REI 60

|  Construction Material | Dimension |
|--|---|
| A Roof sealing or metal covering on structured separation layer | yes |
| B EGGER OSB | 22 mm |
| C 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 | 200 mm |
| D Rafter a = 625 mm | 80 × 200 mm |
| E Vapour barrier | is to be proven! |
| F Clapboard siding a = 400 mm | 22 × 80 mm |
| G Gypsum fire board or gypsum fibre board | 12,5 mm |
| H Gypsum fire board or gypsum fibre board | 12,5 mm |
|  Fire classification report | Test load 3,66 kN/m ² Fire exposure bottom side: Classification report HF Austria 443/2014/28-BB |
|  Sound insulation Airborne sound R _{w,R} DIN 4109-Supplement 1, Table 38, Row 4 | 50 dB |
|  Heat/moisture protection U-value (W/m ² K) 10% wood content EN ISO 6946 | Heat insulation TCG 040 200 / 220 / 280 mm 0,23 / 0,21 / 0,17 (w _V -w _T) ≥ 250 g/m ² |