





E1308-02

Interior partition wall; load-bearing, space enclosing;
REI 45

 Construction Material	Dimension
A Gypsum fire board or gypsum fibre board	12,5 mm
B Vapour barrier s _d , optional	ca. 20 m
C EGGER OSB	9 mm
D 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
E Stud	60 × 100 mm
F EGGER OSB	9 mm
G Gypsum fire board or gypsum fibre board	12,5 mm
 Fire classification report	Classification report HF Austria 2586/2018/22
 Sound insulation Airborne sound R' _{w,R} DIN 4109 Supplement 1, Table 9, Row 2	46 dB
 Heat/moisture protection U-value (W/m ² K) EN ISO 6946	Heat insulation TCG 040 60 / 80 / 100 / 160 0,52 / 0,46 / 0,40 / 0,26 Case A - free of condensation