





## E1109-02

### Exterior wall; REI 45

 Construction Material	Dimension
<b>A</b> Gypsum fire board or gypsum fibre board	12,5 mm
<b>B</b> Gypsum fire board or gypsum fibre board	12,5 mm
<b>C</b> <b>EGGER OSB</b>	<b>15 mm</b>
<b>D</b> Glass wool 11 kg/m <sup>3</sup> Rock wool 30 kg/m <sup>3</sup> Cellulose insulation 50 kg/m <sup>3</sup> or Wood fibre insulation board 45 kg/m <sup>3</sup>	160 mm
<b>E</b> Stud	<b>60 × 160 mm</b>
<b>F</b> <b>EGGER DHF</b>	<b>15 mm</b>
<b>G</b> Ventilated facade	<b>vertical battens 50 × 30 mm / horizontal battens 20 × 40 mm</b>
 <b>Fire classification report</b>	Fire exposure exterior: Classification report HF Austria 2586/2018/15
 <b>Sound insulation</b> Airborne sound R' <sub>w,R</sub> DIN 4109, Supplement 1, Table 37, Row 4	42 dB
 <b>Heat/moisture protection</b> U-value (W/m <sup>2</sup> K) EN ISO 6946	Heat insulation TCG 040 160 / 200 / 240 mm <hr/> 0,26 / 0,22 / 0,18 Case A - free of condensation

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