





## E2501-03

### Flat pitched roof; F30-B

 Construction Material	Dimension
<b>A</b> Roof sealing or metal covering on structured separation layer	yes
<b>B</b> <b>EGGER OSB</b>	<b>18 mm</b>
<b>C</b> Heat insulation B2	220 mm
<b>D</b> Rafter a = 625 mm	80 x 220 mm
<b>E</b> Vapour barrier	is to be proven!
<b>F</b> <b>EGGER OSB</b>	<b>18 mm</b>
<b>G</b> Gypsum fire board or Plasterboard	9,5 mm
 <b>Fire classification report</b>	DIN 4102-4, Table 10.19, Row 1
 <b>Sound insulation</b> Airborne sound $R'_{w,R}$ DIN 4109-Supplement 1, Table 38, Row 2	> 35 dB
 <b>Heat/moisture protection</b> U-value (W/m <sup>2</sup> 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 <sup>2</sup>