

## 7. Fire-retardant Clicwall separating walls

Clicwall, installed as described below, will guarantee a fire resistance of 60 and 30 minutes respectively in accordance with EN 13501-2. Classification report can always be requested at UNILIN, division panels.

### 7.1 CLICWALL SEPARATING WALL WITH FIRE RESISTANCE EI30

European certificate for non-load-bearing partition wall - EN 1364-1: 2015.

#### CONSTRUCTION

- Clicwall 10 mm (Euroclass D-s2, d0): fixed with wood screws (3.5 x 16 - centre distance 400 mm) to timber substructure.
- Rockwool insulation (RockSono Solid 211): 60mm - 45 kg/m<sup>3</sup>.
- Substructure: timber battens 38 x 63 mm.

#### Timber substructure:

Timber beams CLS 38 x 63, C18 softwood.

#### Primary beams:

Position: horizontal top and bottom and vertical on left and right side of the wall. Fixing: wood screws (3.5 x 16 mm).

#### Secondary beams:

Position: vertical between the primary beams. Fixing: wood screws (3.5 x 16 mm) - centre distance 600 mm. If you want to place two panels above one another, place an additional horizontal beam at the transition joint.

#### Insulation:

Rockwool insulation (Rockwool): 60 mm - 45 kg/m<sup>3</sup>.

Install the insulation tightly between the timber substructure so that there are no air gaps between the beams and insulation.

#### Cladding finish:

Fix the 10 mm Clicwall on both sides to the timber substructure using wood screws (3.5 x 16 mm) with a centre distance of 400 mm.

