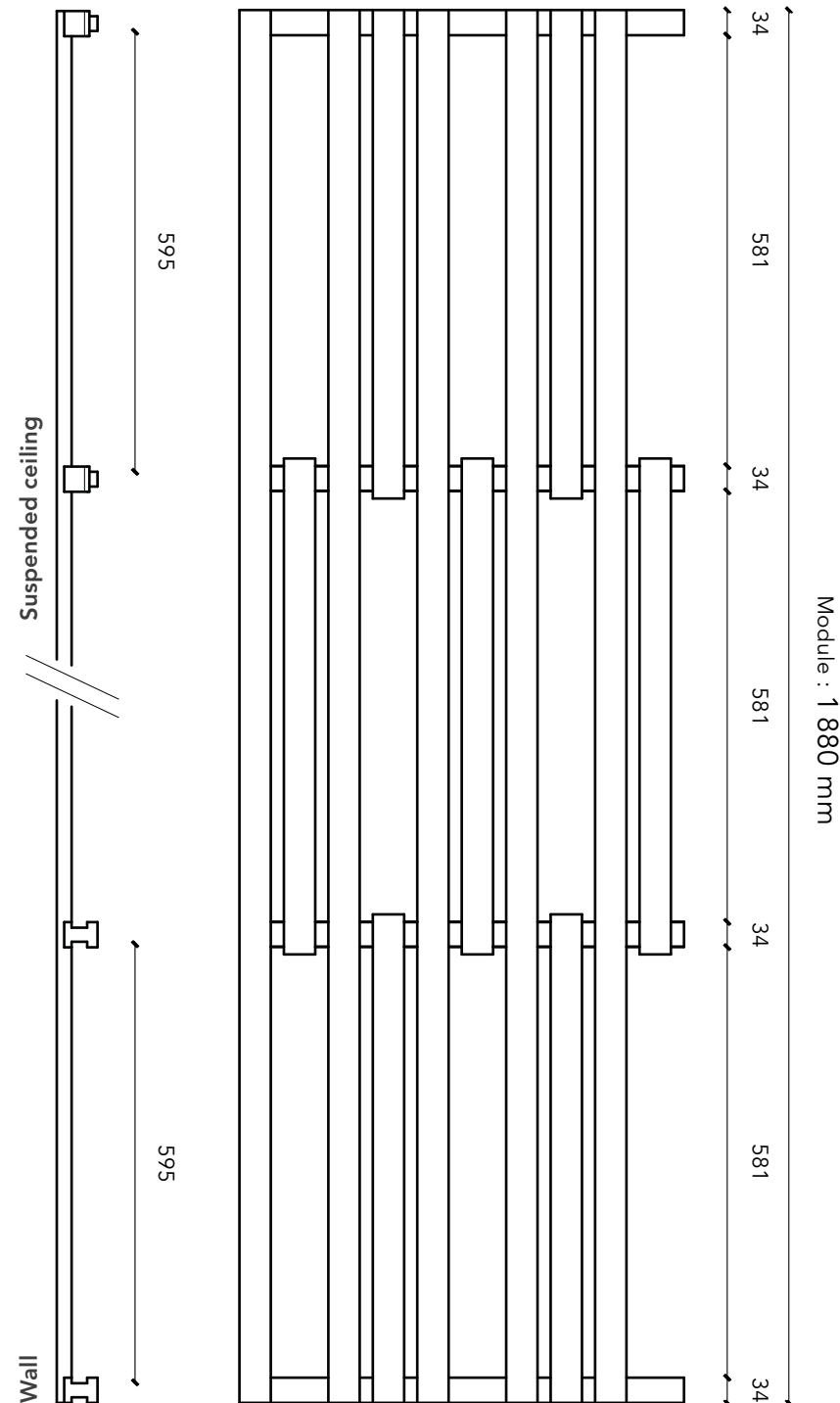
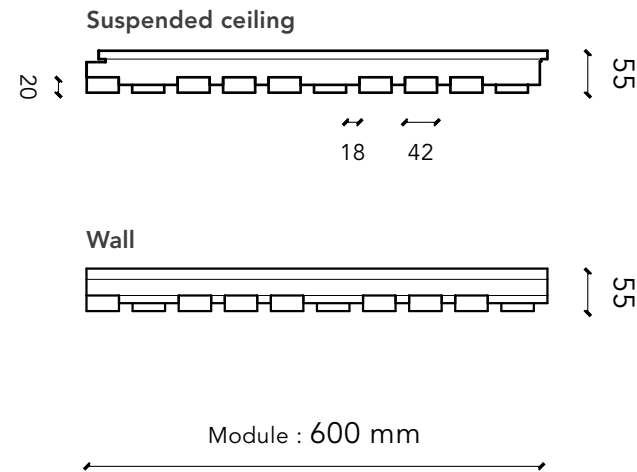


11/11/2016

**FINISH / REACTION TO FIRE** (AS PER EN 13501-1)

Reaction to fire possibilities Euroclass B-s1,d0 or B-s2,d0 according to species and finishes.

## ACOUSTIC RESULTS

The various data relating to acoustic absorption ( $\alpha_p$ ,  $\alpha_w$ , absorption class) have been calculated according to ISO 11654 standard (LINEA + acoustic supplement).

## TECHNICAL CHARACTERISTICS

|                            |                               |
|----------------------------|-------------------------------|
| Panel dimensions           | 1 880 x 600 mm                |
| Cross-section of slats     | 42 mm (face) x 20 mm (height) |
| Spacing between slats      | 18 mm                         |
| Centre distance of slats   | 60 mm                         |
| Black rear counter-slats   | 34 x 45 mm                    |
| Overall thickness          | 55 mm                         |
| Wood species               | Pine, oak, douglas fir        |
| Surface mass (pine)        | 9,1 kg/m <sup>2</sup>         |
| Surface mass (oak)         | 10,7 kg/m <sup>2</sup>        |
| Surface mass (douglas fir) | 8,9 kg/m <sup>2</sup>         |
| Openness percentage        | 48 %                          |

Rear surface : acoustic mineral wool tiles 2,4 kg/m<sup>2</sup> surfaced with black fleece facing (format 600 x 600 mm ; 20 or 22 mm thickness)  
*Not supplied by Laudescher*

## FITTING SYSTEM

### Suspended ceiling

Fitting on T24 grid system  
or by screwing :  
– Selon NF EN 13964  
– Selon DTU 58-1

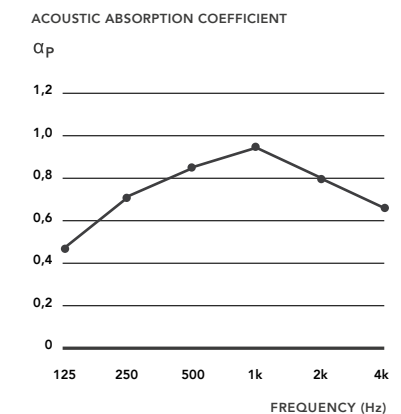
### Wall cladding

Mechanical fixing by screwing:

- Selon DTU 36-2
- Selon NF EN 14915

#### LINEA 4.2.1 LITE CEILING

+ LR 20 mm on plenum E250 mm

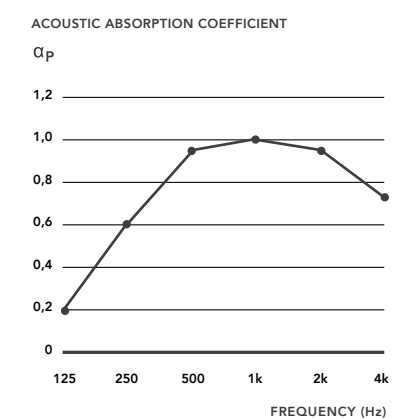


WEIGHTED INDEX :  
 $\alpha_w = 0,80$

ABSORPTION CLASS :  
**Class B**

### LINEA 4.2.1 LITE WALL

+ LR 20 mm on plenum E50 mm



WEIGHTED INDEX :  
 $\alpha_w = 0,80$

ABSORPTION CLASS :  
**Class B**