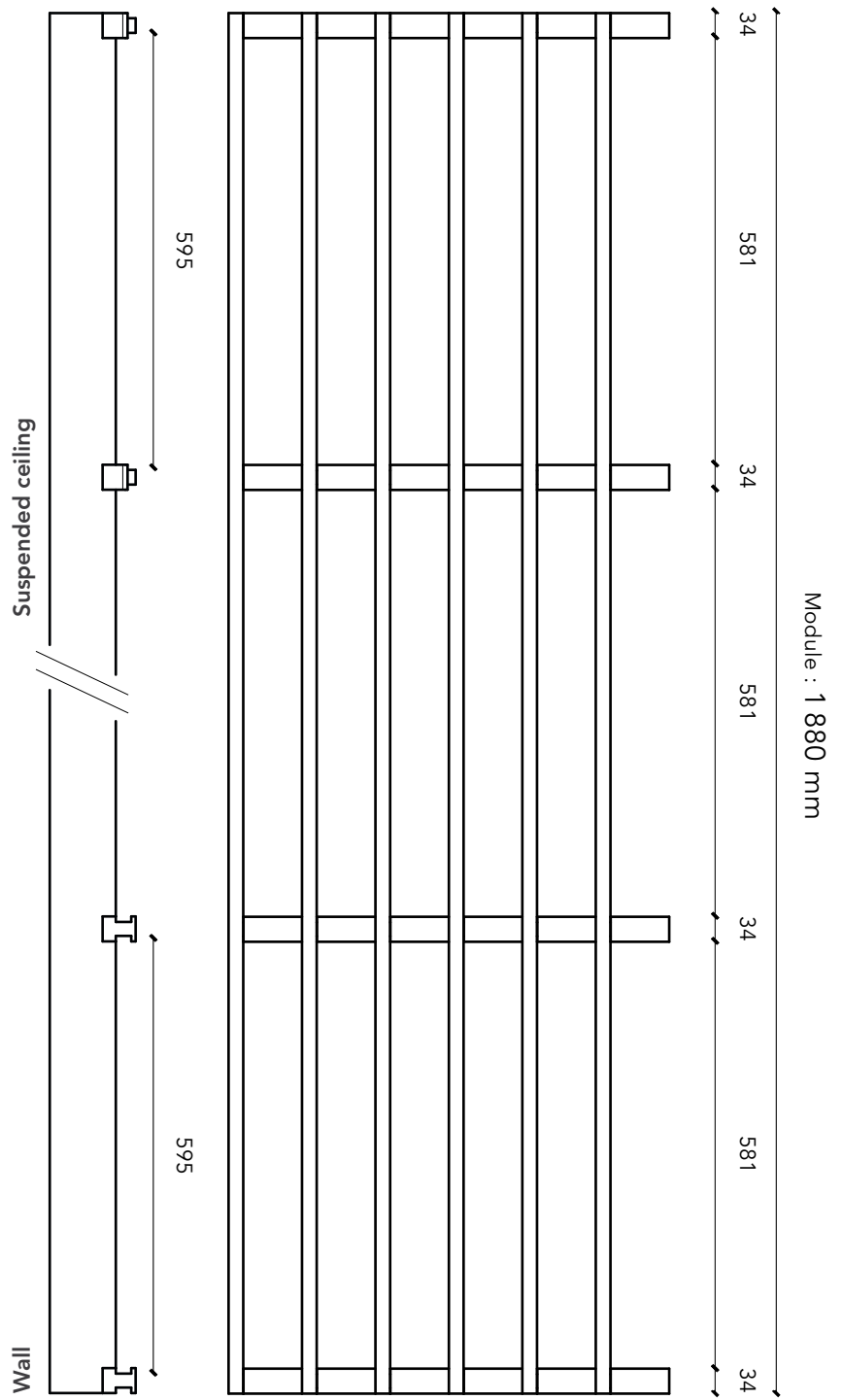
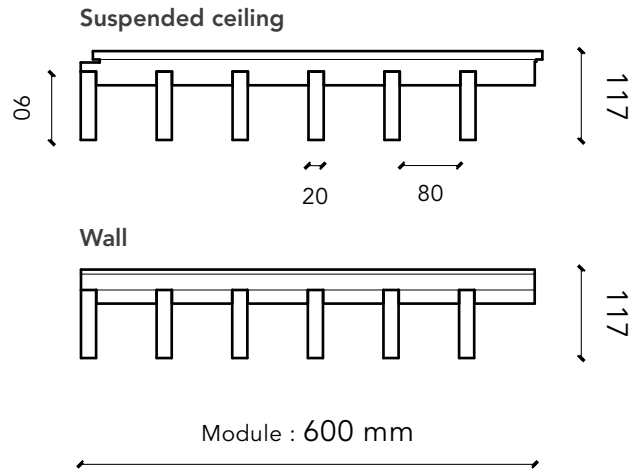
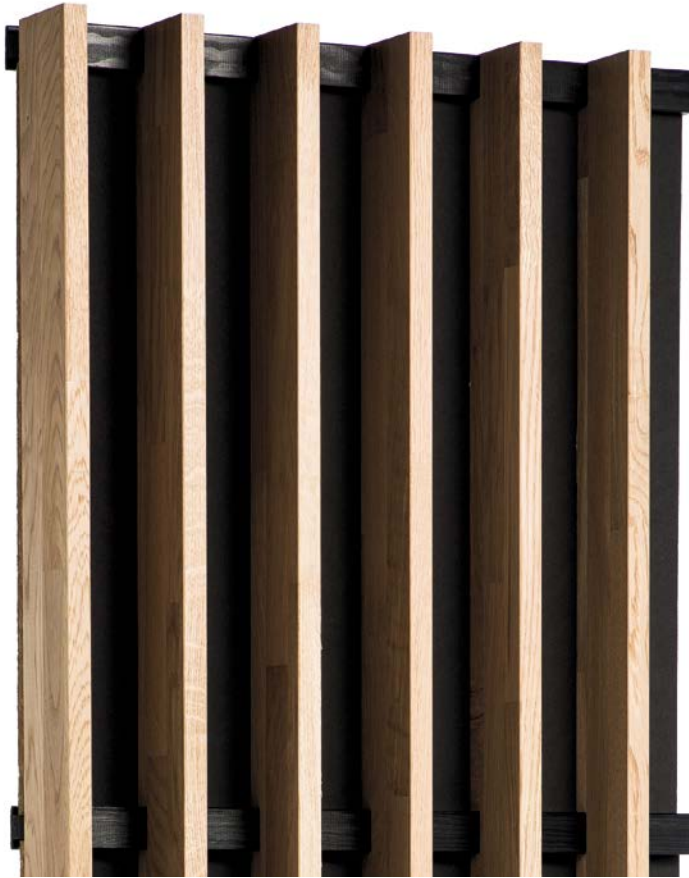


# LINEA 2.9.8

LINEA RANGE  
INTERIOR





## TECHNICAL CHARACTERISTICS

Panel dimensions	1880 x 600 mm
Cross-section of slats	20 mm (face) x 90 mm (height)
Spacing between slats	80 mm
Centre distance of slats	100 mm
Black rear counter-slats	34 x 45 mm
Overall thickness	117 mm
Wood species	Latted pine, latted oak
Surface mass (pine)	15.3 kg/m <sup>2</sup>
Surface mass (oak)	19.4 kg/m <sup>2</sup>
Openness percentage	80%

Rear surface: acoustic mineral wool tiles 120 kg/m<sup>3</sup> surfaced with black fleece facing (format : 600 x 600 mm; 20 mm or 22 mm thickness)  
 Not supplied by Laudescher

## FITTING SYSTEM

### Suspended ceiling

Fitting on T24 grid system:  
 – As per DTU 58-1  
 – As per EN 13964

### Wall cladding

Mechanical fixing by screwing:  
 – As per DTU 36-2  
 – As per EN 14915

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

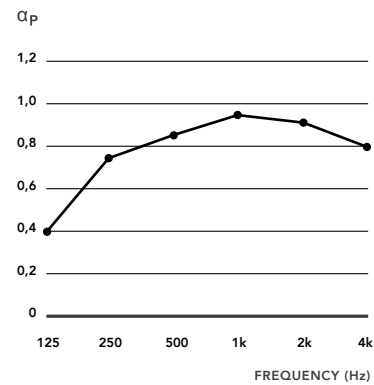
Natural	D-s2,d0
Clear varnish	D-s2,d0 / B-s2,d0
Wax Color	D-s2,d0 / B-s2,d0
Wax Color + varnish	D-s2,d0 / B-s2,d0

## ACOUSTIC RESULTS

Acoustic absorption was measured as per the ISO 354 standard. The various data relating to acoustic absorption ( $\alpha_p$ ,  $\alpha_w$ , absorption class) have been calculated according to ISO 11654 standard (LINEA + acoustic supplement).

### LINEA 2.9.8 CEILING + LR 20mm on E250 mm plenum

#### ACOUSTIC ABSORPTION COEFFICIENT



WEIGHTED INDEX:

$\alpha_w = 0.9$

ABSORPTION CLASS:

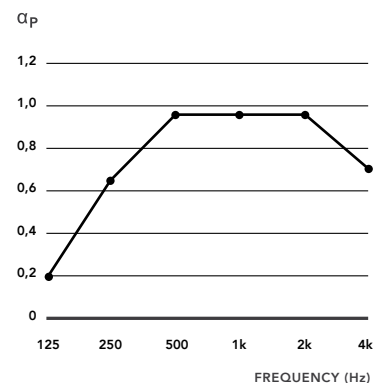
**Class A**

AS PER ASTM C423:

**NRC = 0.9**

### LINEA 2.9.8 WALL + LR 20mm on E50 mm plenum

#### ACOUSTIC ABSORPTION COEFFICIENT



WEIGHTED INDEX:

$\alpha_w = 0.85$

ABSORPTION CLASS:

**Class B**

AS PER ASTM C423:

**NRC = 0.9**