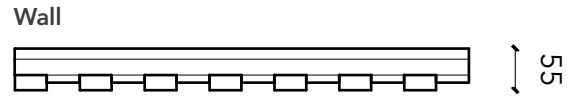
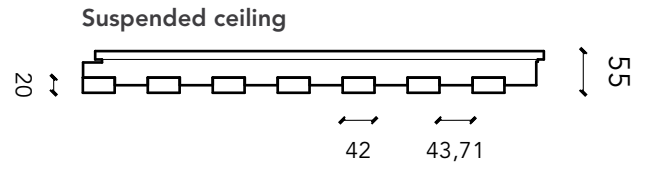
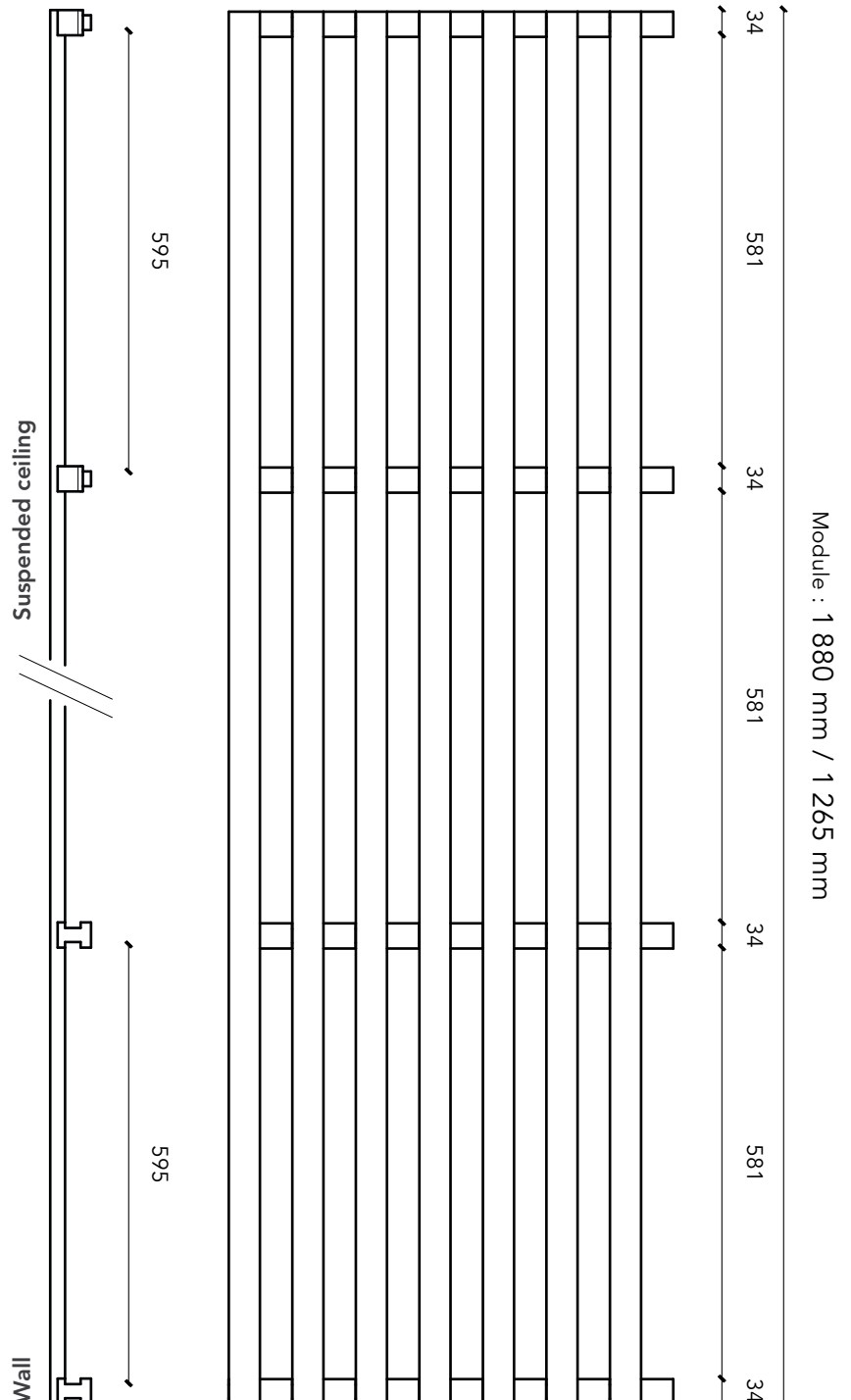


LINEA 4.2.4

LINEA RANGE
INTERIOR



Module : 600 mm





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

Natural	D-s2,d0 / B-s1,d0 / B-s2,d0
Varnish	D-s2,d0 / B-s1,d0 / B-s2,d0
Wax Color	D-s2,d0 / B-s1,d0 / B-s2,d0
Wax Color + varnish	D-s2,d0 / B-s1,d0 / B-s2,d0

ACOUSTIC RESULTS

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

TECHNICAL CHARACTERISTICS

Panel dimensions	1880 x 600 mm and 1265 x 600 mm
Cross-section of slats	42 mm (face) x 20 mm (height)
Spacing between slats	43.71 mm
Centre distance of slats	85.71 mm
Black rear counter-slats	34 x 45 mm
Overall thickness	55 mm
Wood species	Pine, Oak, Douglas fir
Surface mass (pine)	8.75 kg/m ² (wall)
Surface mass (oak)	11 kg/m ² (wall)
Surface mass (douglas fir)	8.6 kg/m ² (wall)
Openness percentage	51%

Rear surface: acoustic mineral wool tiles 120 kg/m³ surfaced with black fleece facing (format : 600 x 600 mm; 20 mm or 22 mm thickness)
Not supplied by Laudescher

FITTING SYSTEM

Suspended ceiling

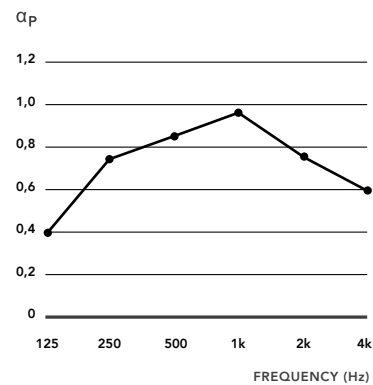
Fitting on T24 grid system:
 – As per DTU 58-1
 – As per EN 13964

Wall cladding

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

LINEA 4.2.4 CEILING + LR 20mm on E250 mm plenum

ACOUSTIC ABSORPTION COEFFICIENT



WEIGHTED INDEX:

$\alpha_w = 0.75$

ABSORPTION CLASS:

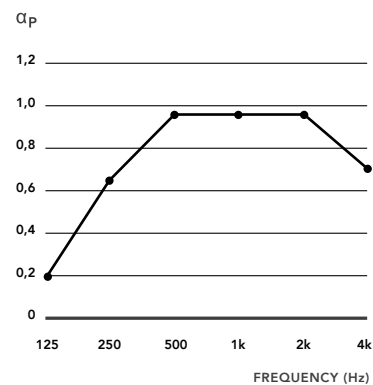
Class C

AS PER ASTM C423:

NRC = 0.85

LINEA 4.2.4 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