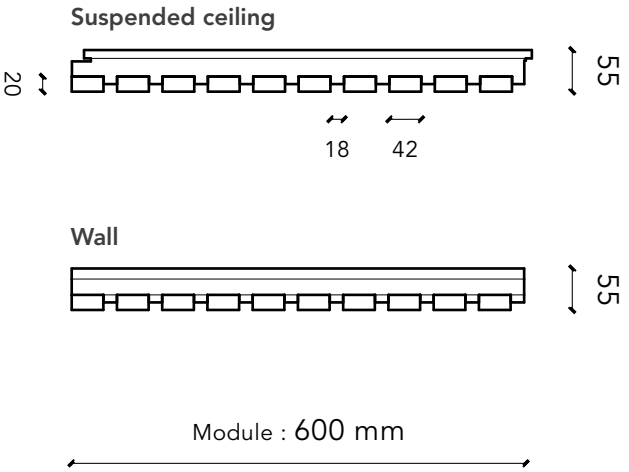
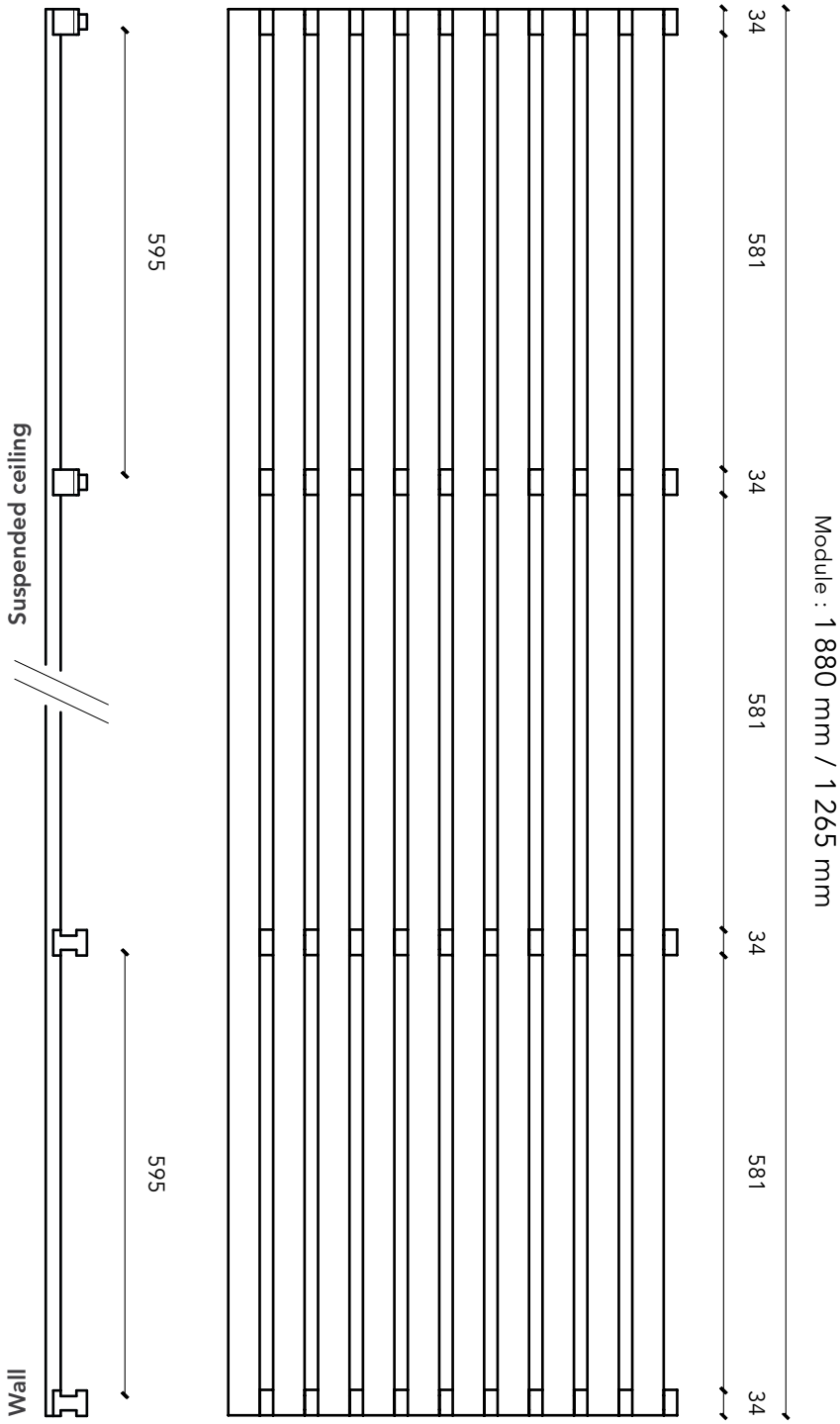
LINEA 4.2.1

LINEA RANGE

INTERIOR





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	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)	11.4 kg/m²
Surface mass (oak)	14.6 kg/m²
Surface mass (douglas fir)	11.2 kg/m²
Openness percentage	30%

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

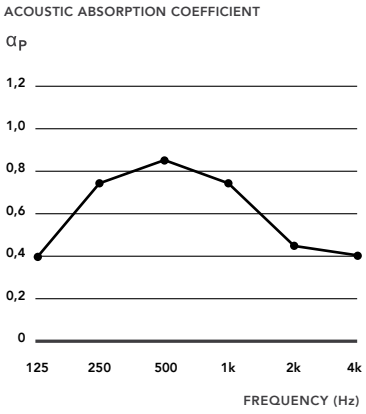
FINISH / REACTION TO FIRE (AS PER EN 13501-1)

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 (αp, αw, absorption class) have been calculated according to ISO 11654 standard (LINEA + acoustic supplement).

LINEA 4.2.1 CEILING + LR 20 mm on E250 mm plenum

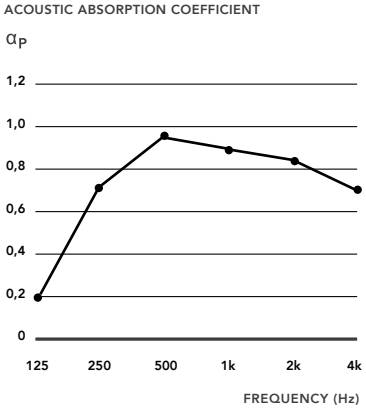


WEIGHTED INDEX:
$\alpha_w = 0.5$

ABSORPTION CLASS:
Class D

AS PER ASTM C423:
NRC = 0.7

LINEA 4.2.1 WALL + LR 20 mm on E50 mm plenum



WEIGHTED INDEX:
$\alpha_w = 0.85$

ABSORPTION CLASS:
Class B

AS PER ASTM C423:
NRC = 0.85