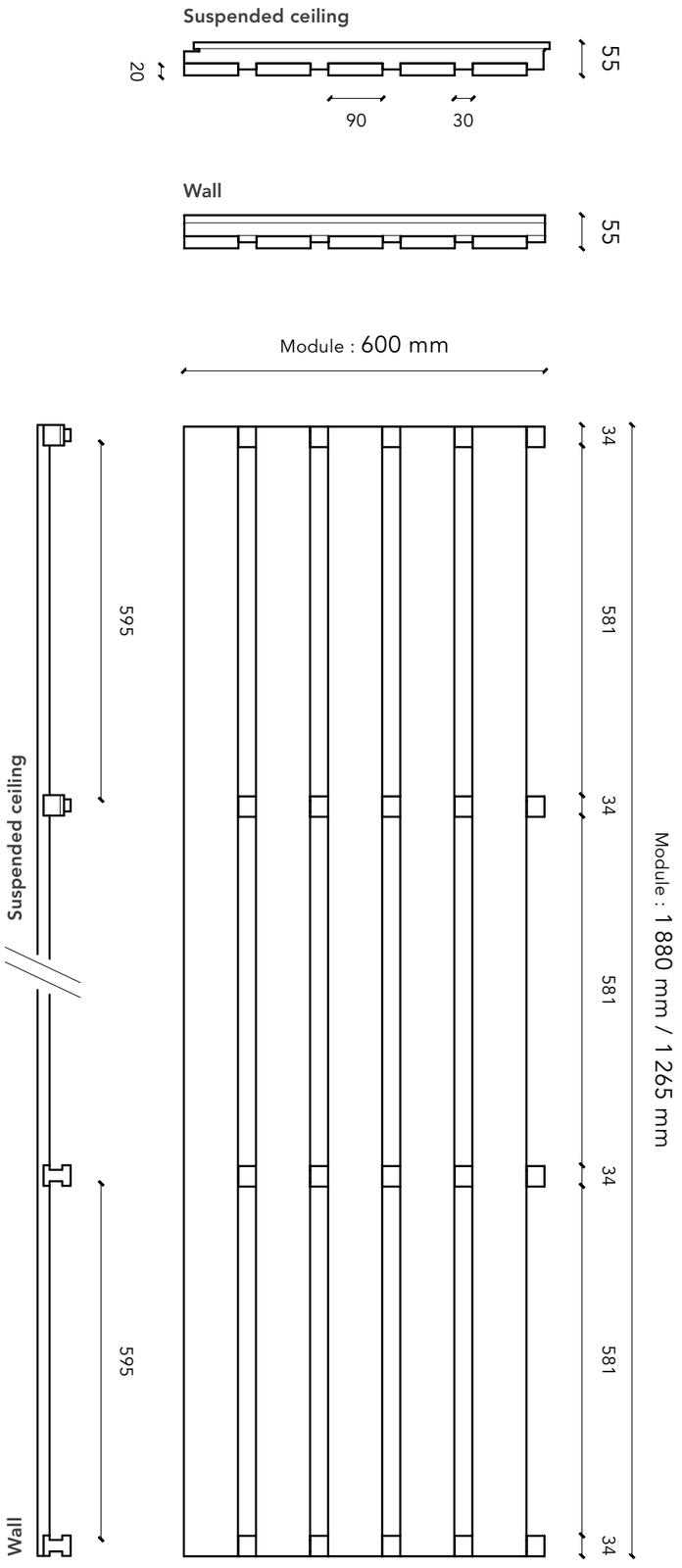
LINEA 9.2.3

LINEA RANGE
INTERIOR



TECHNICAL CHARACTERISTICS

Panel dimensions	1 880 x 600 mm et 1 265 x 600 mm
Cross-section of slats	90 mm (face) x 20 mm (height)
Spacing between slats	30 mm
Centre distance of slats	120 mm
Black rear counter-slats	34 x 45 mm
Overall thickness	55 mm
Wood species	Pine, oak, douglas fir, spruce
Surface mass (pine)	12,4 kg/m²
Surface mass (oak)	14,8 kg/m²
Surface mass (douglas fir)	12,1 kg/m²
Surface mass (spruce)	11,7 kg/m²
Openness percentage	25 %

Rear surface : acoustic mineral wool tiles 2,4 kg/m² 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

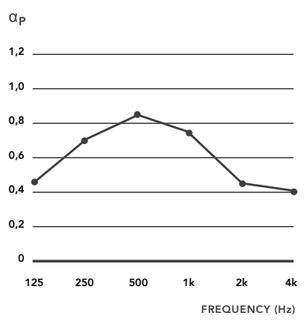
FINISH / REACTION TO FIRE (AS PER EN 13501-1)

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

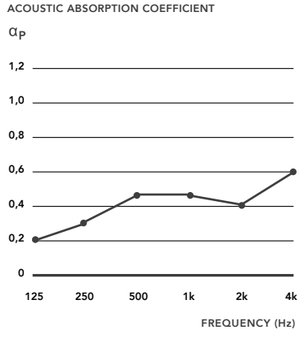
LINEA 9.2.3 CEILING + LR 20 mm on plenum E250 mm
Acoustic absorption was measured as per the ISO 354 standard.



WEIGHTED INDEX :
$\alpha_w = 0,50$

ABSORPTION CLASS :
Class D

LINEA 9.2.3 WALL + LR 20 mm on plenum E50 mm



WEIGHTED INDEX :
$\alpha_w = 0,50$

ABSORPTION CLASS :
Class D