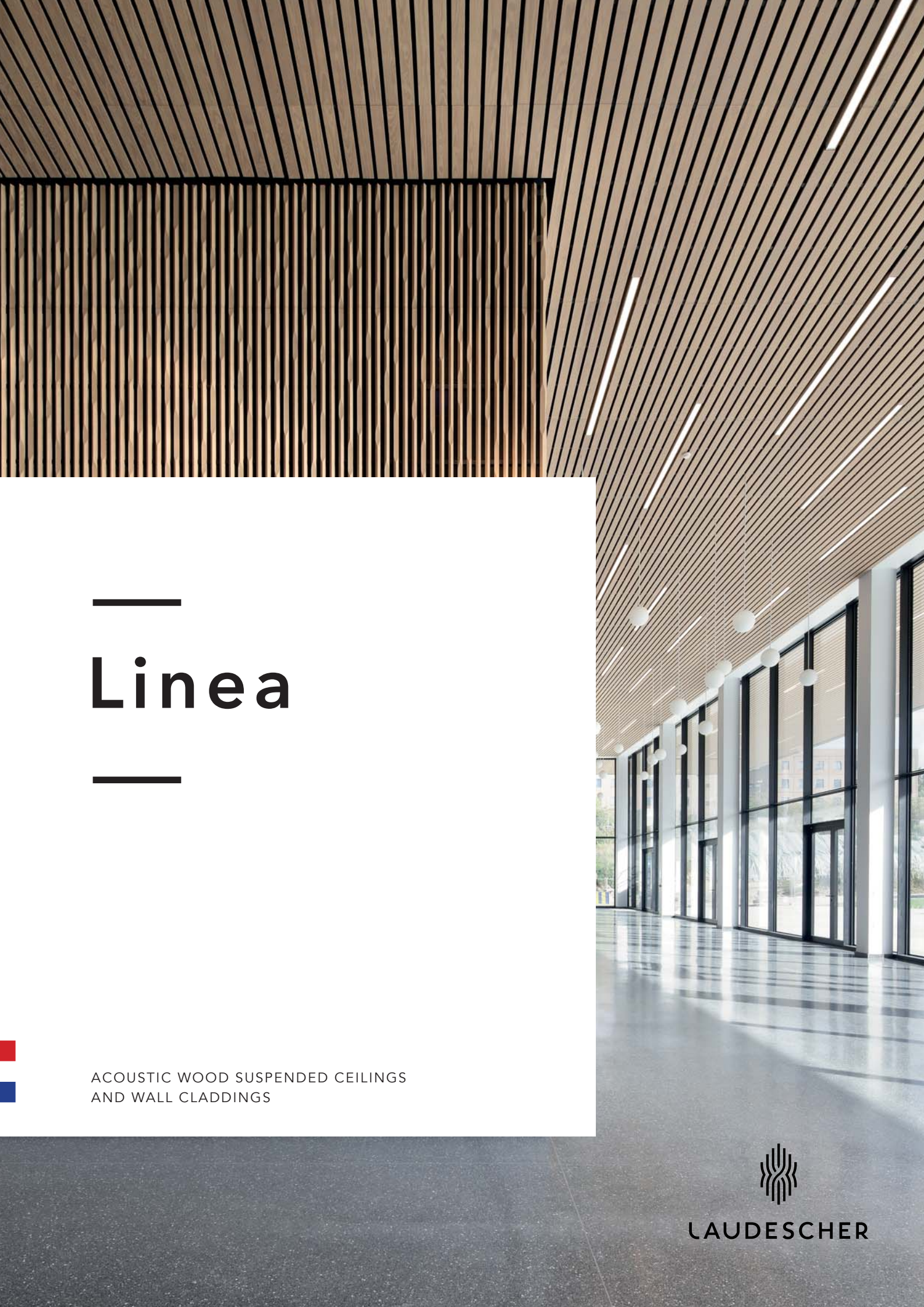


Linea

ACOUSTIC WOOD SUSPENDED CEILINGS
AND WALL CLADDINGS

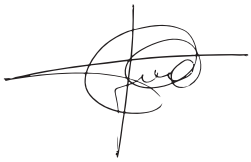
LAUDESCHER

LAUDESCHER

We work to improve people's living environments while respecting nature.

"To us, wood is more than just a material. For over 50 years, it has inspired us to create designs that enhance both architecture and quality of life. From traditional carpentry to technological innovation, Laudescher has developed a unique and renowned industrial base. Driven by a passion for wood and a humanistic vision of our craft, open to the world, we provide professionals with innovative, higher-value solutions. Working alongside these professionals, Laudescher tackles the technical, environmental and economic challenges of contemporary construction. For them, we select high-quality, sustainable resources, advance technologies, and imagine new designs for tomorrow's buildings."

Jean-Marc Laudescher
President



High-performance panels

High acoustic performance

Thanks to Laudescher's expertise, the natural performance of wood is maximised to create resistant products that are certified for reaction to fire and offer excellent environmental and acoustic performance. The absorption and diffusion characteristics of Laudescher panels have been tested and allow you to control the sound environment in any type of space.

Excellent craftsmanship

Laudescher has been awarded the Entreprise du Patrimoine Vivant (EPV) label in recognition of its exceptional woodworking expertise and ongoing commitment to excellence. This prestigious label highlights Laudescher's unique mastery and its ability to innovate while preserving traditional techniques.

High acoustic performance

Integrating sound-absorbing material into our product ranges enhances their performance, enabling optimal control of the sound environment in all types of spaces. The acoustic performance of our existing ranges has been certified through independant third-party testing, while the performance of our new ranges has been determined through calculations.

The perfect panel fit

This is guaranteed by the halved-lap jointing technique,
giving our solutions a seamless monolithic finish.

Optimal reaction to fire

Up to Euroclass B-s1,d0 classification according to standard EN 13501-1

Air quality and respect for the environment

Laudescher panels are classified A+ or A and offer optimal indoor air quality thanks to their very low VOC emissions (in accordance with standards ISO 16000-3, 9 and 11). This allows us to be Cradle to Cradle Certified.

Limited carbon footprint

The low environmental impact of Laudescher panels contributes to the carbon neutrality of buildings. The panels are subject to an environmental and health declaration form (FDES).

Committed and responsible

FOR PEOPLE AND THE ENVIRONMENT

At Laudescher, our approach to wood is integral to our holistic vision, encompassing everything from environmental preservation to fostering healthier living environments.

We have always taken care to minimise our environmental footprint.
The vast majority of our timber comes from sustainably managed forests certified by FSC® and PEFC, both of which guarantee responsible and ethical management.
Our products are designed according to a rigorous eco-design approach, incorporating principles of circularity, material health and low impact throughout their life cycle, and are Cradle to Cradle® Bronze Certified.

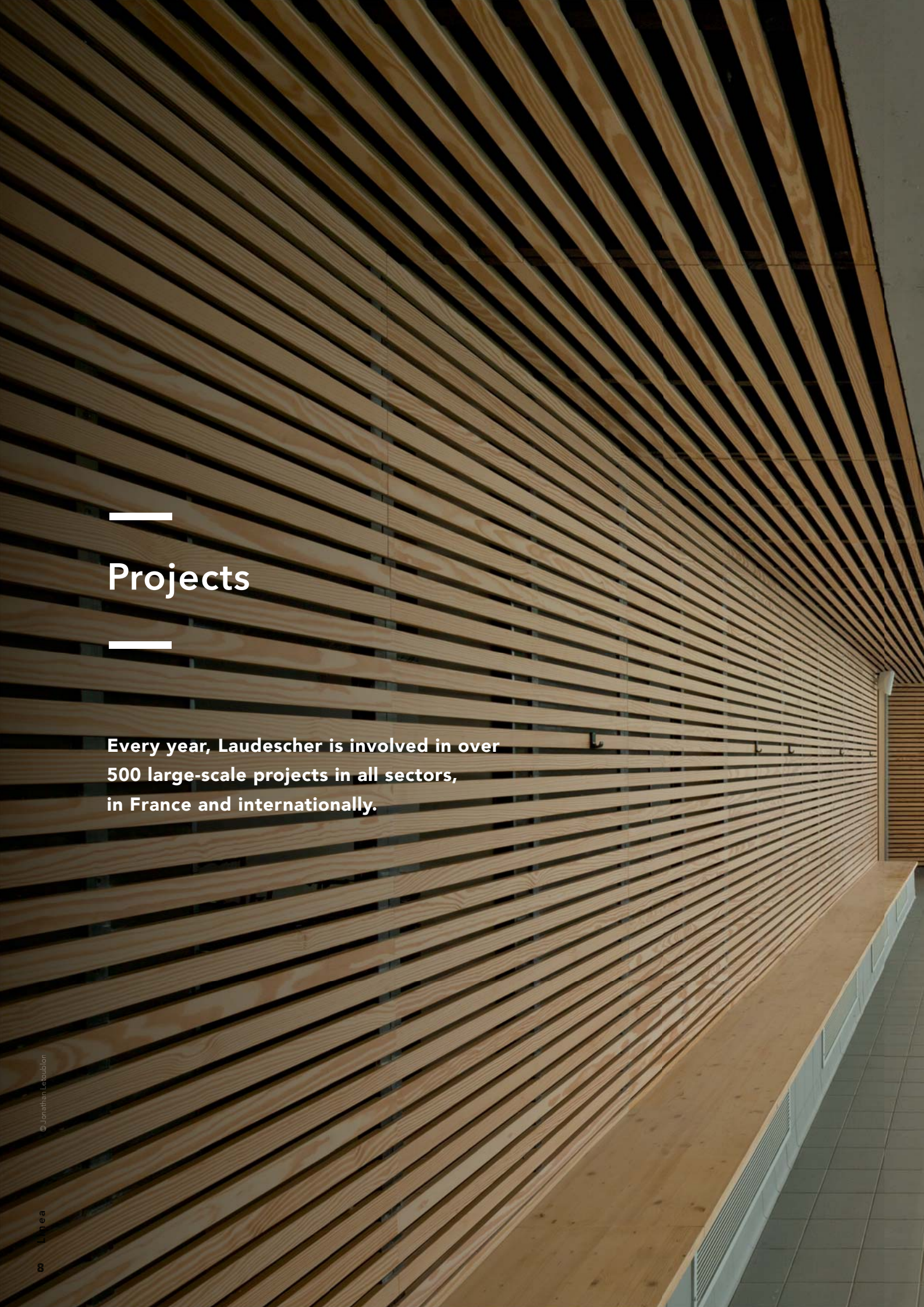
However, our commitment goes beyond certifications.
We aspire to contribute to caring architecture, where every construction choice is an act of responsibility towards the planet. We envision designs that repair, preserve and interact with living things.

Through our acoustic and aesthetic wood solutions, we support architects and construction professionals in creating sustainable, healthy, sensitive spaces that combine technical performance with environmental awareness.

Laudescher's quality approach is certified annually by independent bodies.

ISO **9001** (quality commitment)
FSC®CERTIFICATION - FSC® NO. C125874
PEFC CERTIFICATION - PEFC NO./10-31-2391
(sustainable forest management)
CE marking

All our wood is rigorously selected to ensure the quality of our finished products (dry timber 10 to 12%, first choice).



Projects

Every year, Laudescher is involved in over 500 large-scale projects in all sectors, in France and internationally.

© Jonathan Letoublon

Durance Luberon aquatic centre

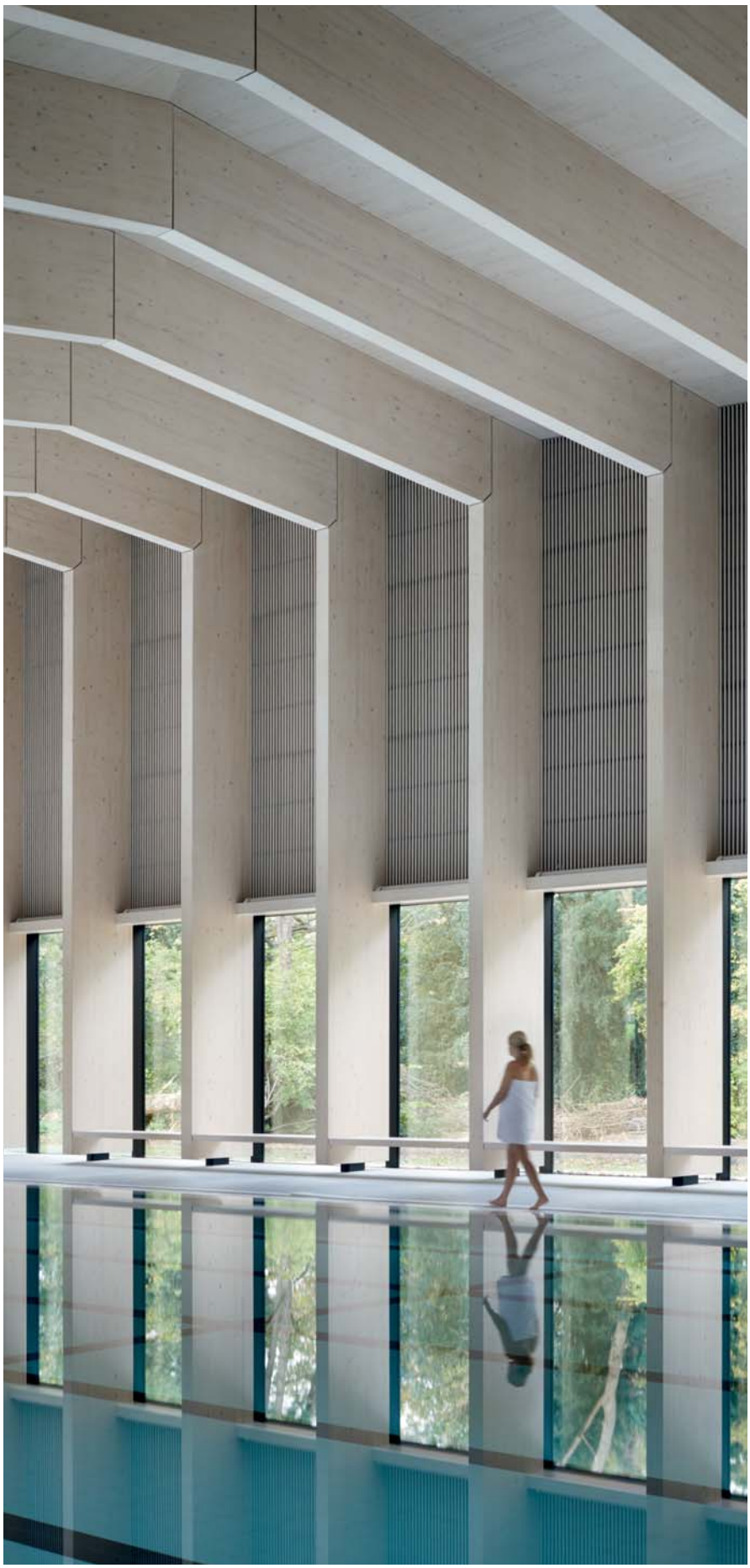
Pertuis, France

Product: Linea 9.2.6, timber species: pine, finish: varnish
Architect: Z – Architecture / Carta Associés

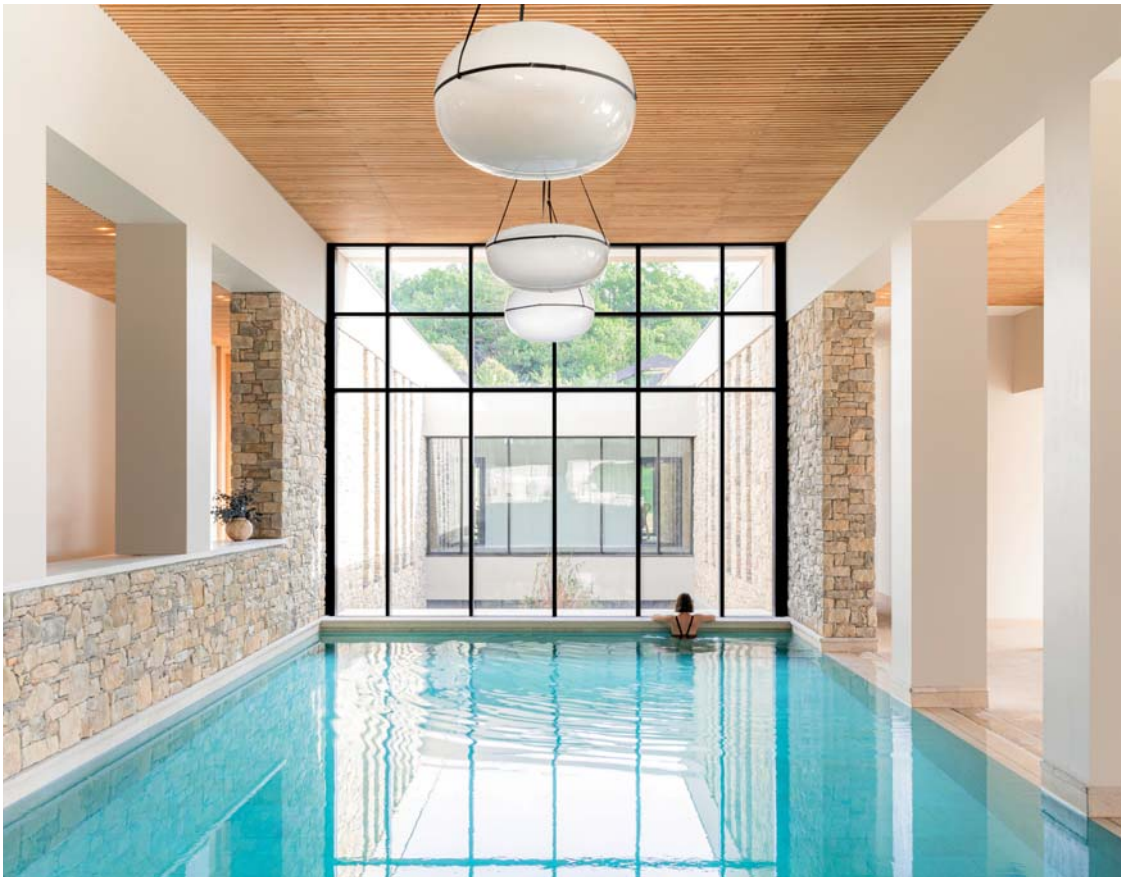
Freemen’s School swimming pool

London, UK

Product: Linea 2.4.3, timber species: pine, finish: white wax color
Architect: Hawkins Brown



© Jack Hobhouse



© Think Utopia

Couvent des Minimes hotel

Mane, France

Product: Linea 2.4.5, Linea 2.6.8, timber species: pine, finish: varnish
Architect: De Planta & Associés Architectes SA

Køge North station

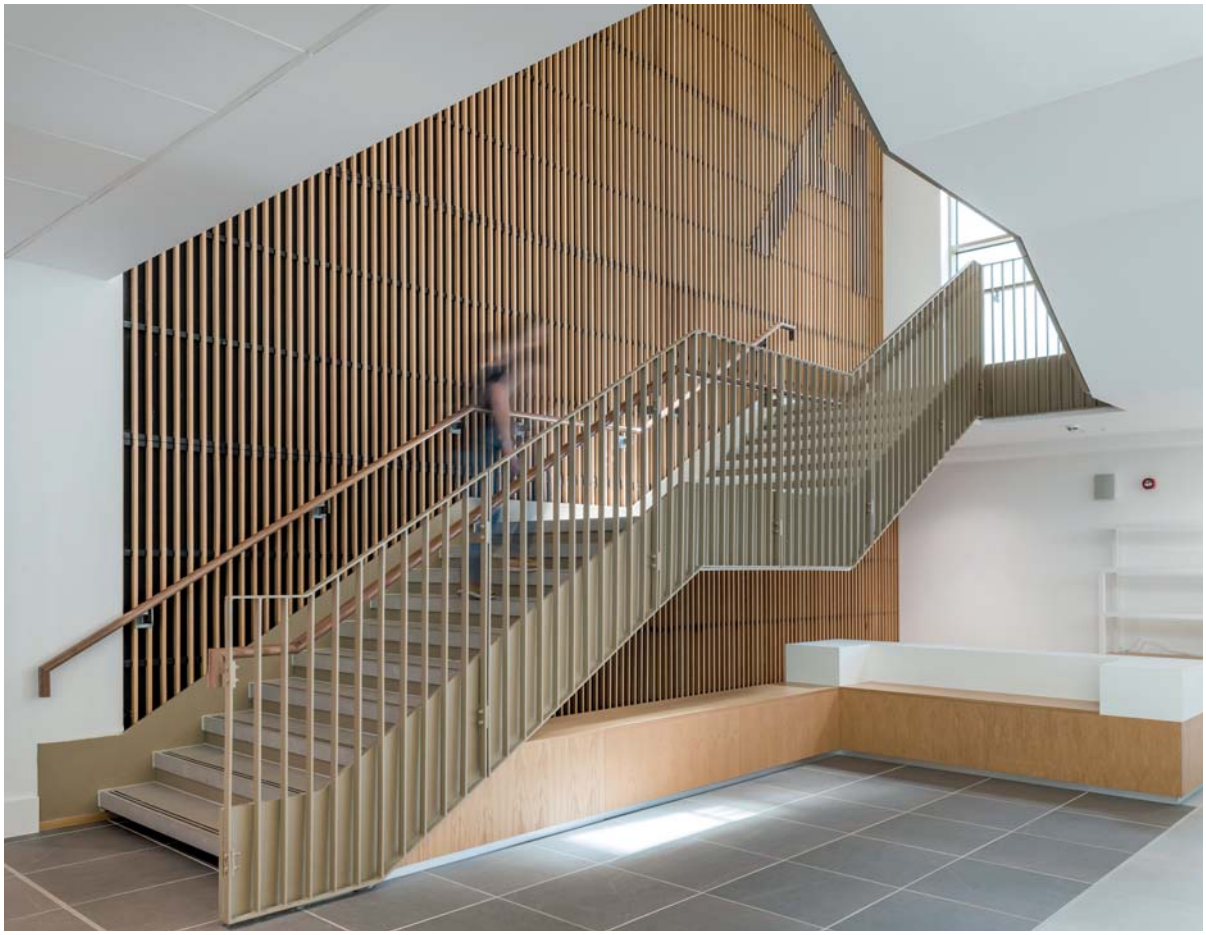
Køge, Denmark

Product: Linea Custom, timber species: oak, finish: varnish
Architect: COBE

© Rasmus Hjortshoj

Allander Leisure Centre

Glasgow, UK



Product: Linea 2.4.5, timber species: oak, finish: varnish
Architect: Holmes Miller

© Antoine Marceau

Orly 3 food court

Orly, France

Product: Linea 2.9.10, timber species: pine, finish: varnish
Architect: Agence Costa

France Bleu Breizh Izel

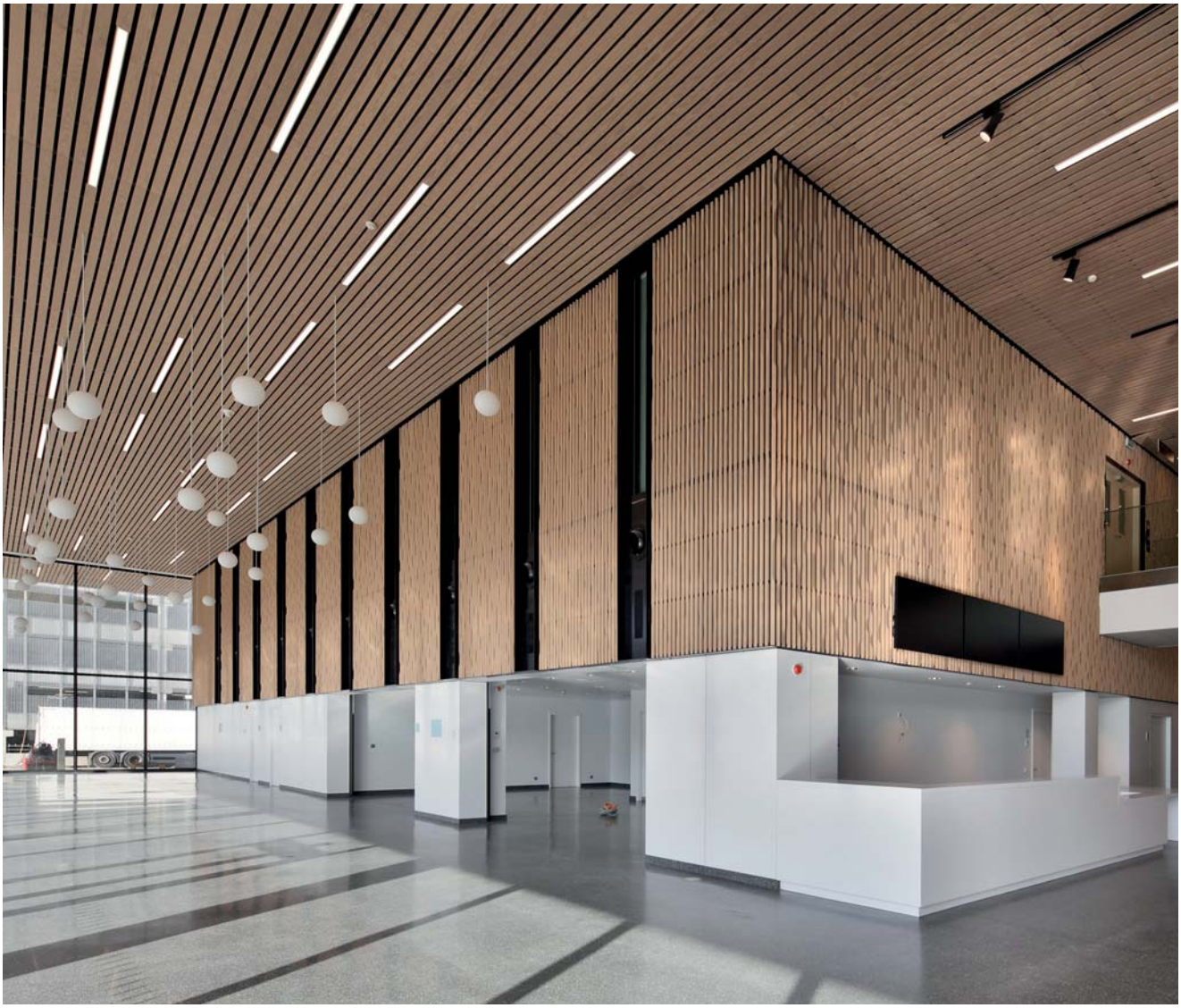
Quimper, France

© Pascal Leopold

Product: Linea 2.6.6 and Linea Shape, timber species: pine, finish: varnish
Architect: EA+LLA

Jules Bordet Institute

Anderlecht, Belgium



© Georges De Kinder

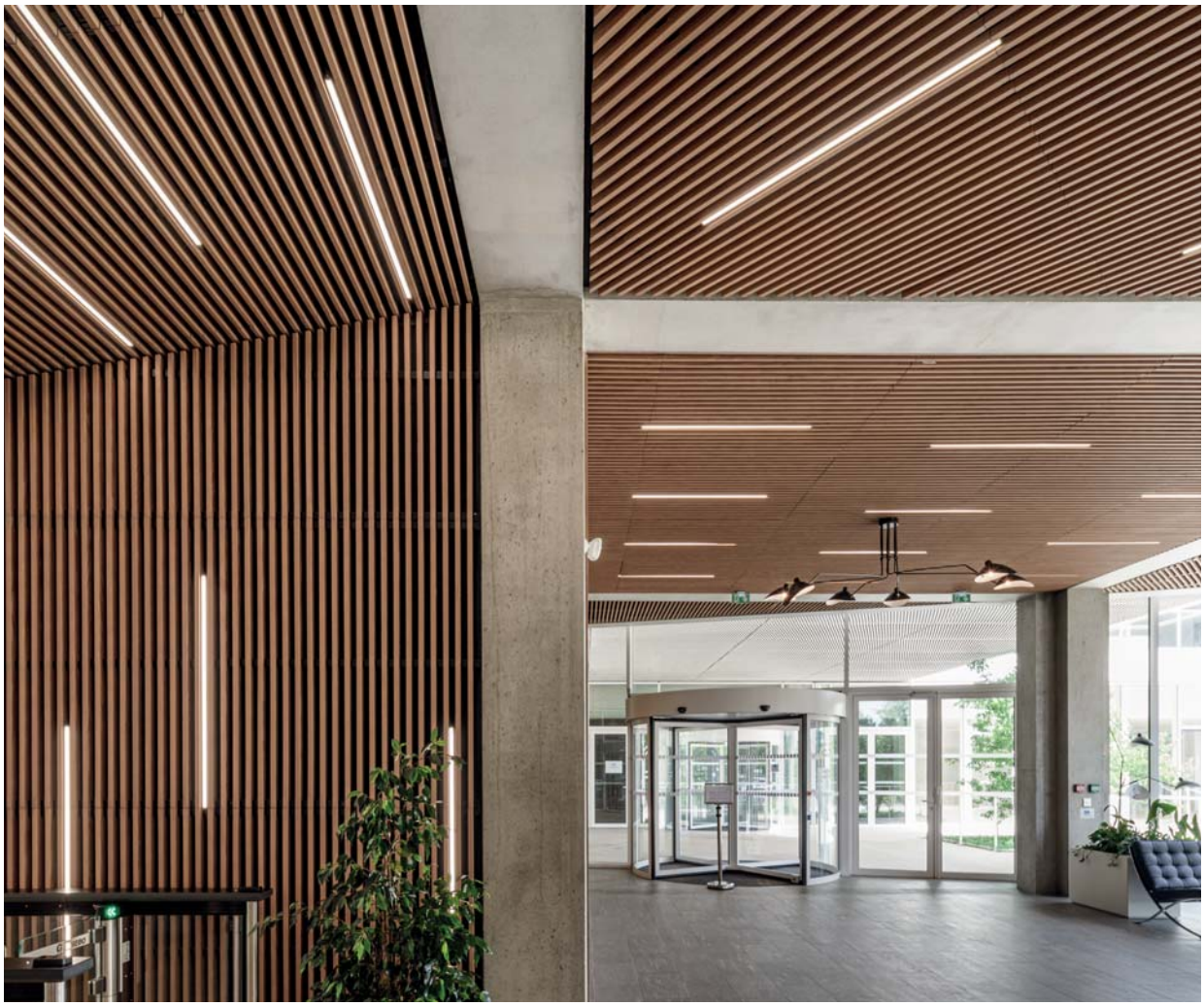
Product: Linea 9.2.3, Linea Edge, timber species: pine, finish: white oak wax color
Architect: Brunet & Saunier/Archi 2000

© Boudewijn Boer

Aquon

Houten, Netherlands

Product: Linea 4.2.1, Linea 2.4.3, timber species: silver fir, finish: varnish
Architect: Vakwerk Architects



© Stefan Tuchila

Fayat head office

Bordeaux, France

Product: Linea 2.4.3, timber species: pine, finish: oak wax color
Architect: BLP associés

Aéris offices

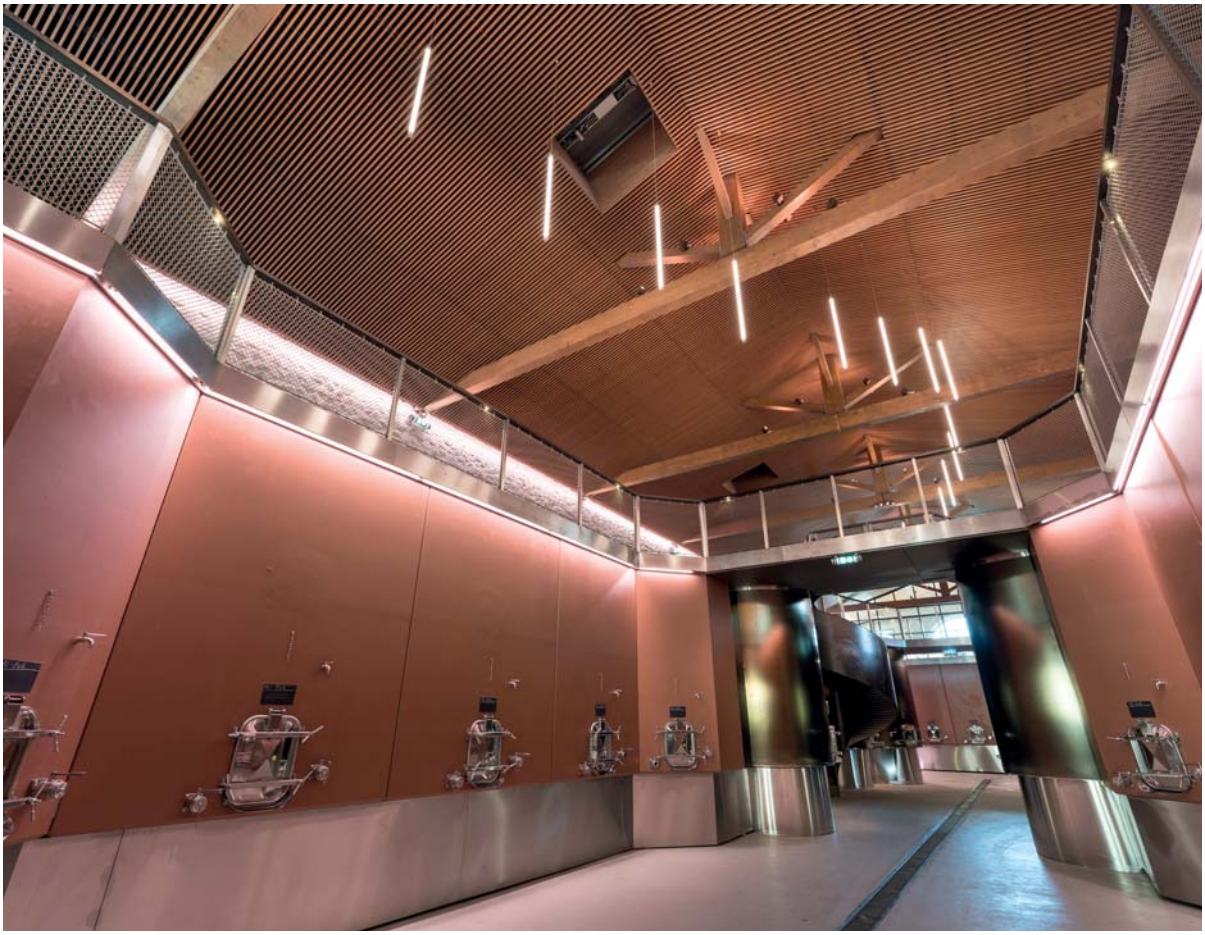
Cesson-Sévigné, France

© Simon Guesdon

Product: Linea 4.2.1, timber species: oak, finish: varnish
Architect: Format6

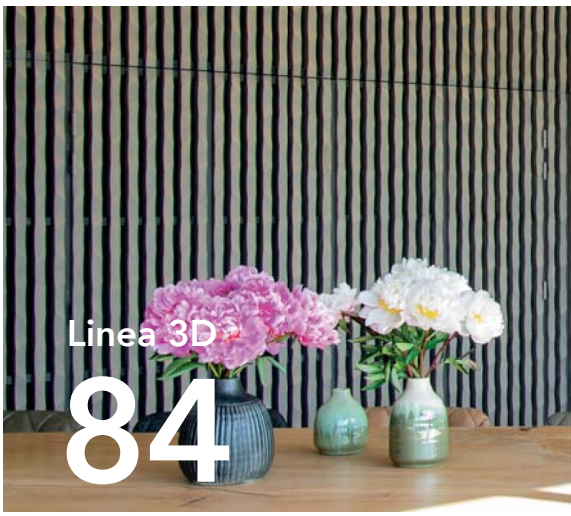
Domaine Uma restaurant

Valfaunès, France



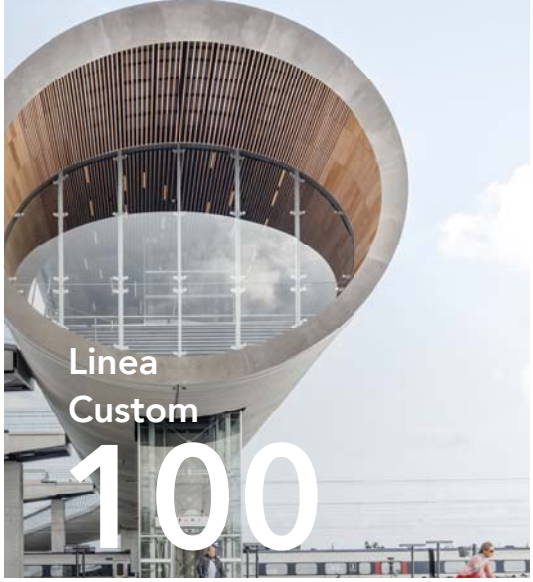
© Nicolas Borel

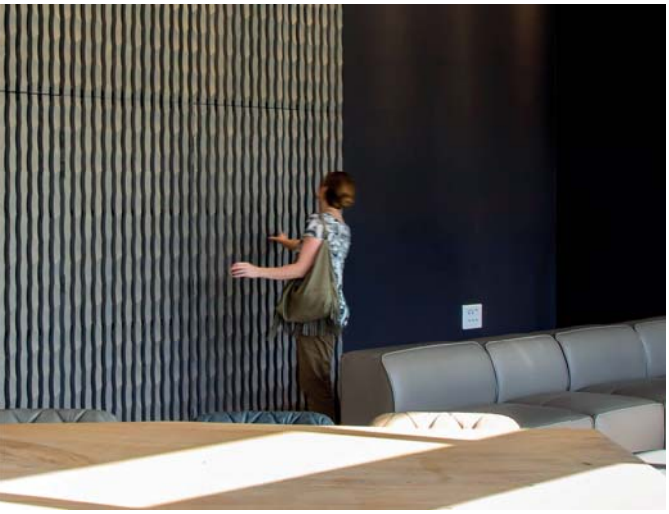
Product: Linea 2.4.3, timber species: pine, finish: oak wax color with varnish
Architect: Clausel Borel Agence

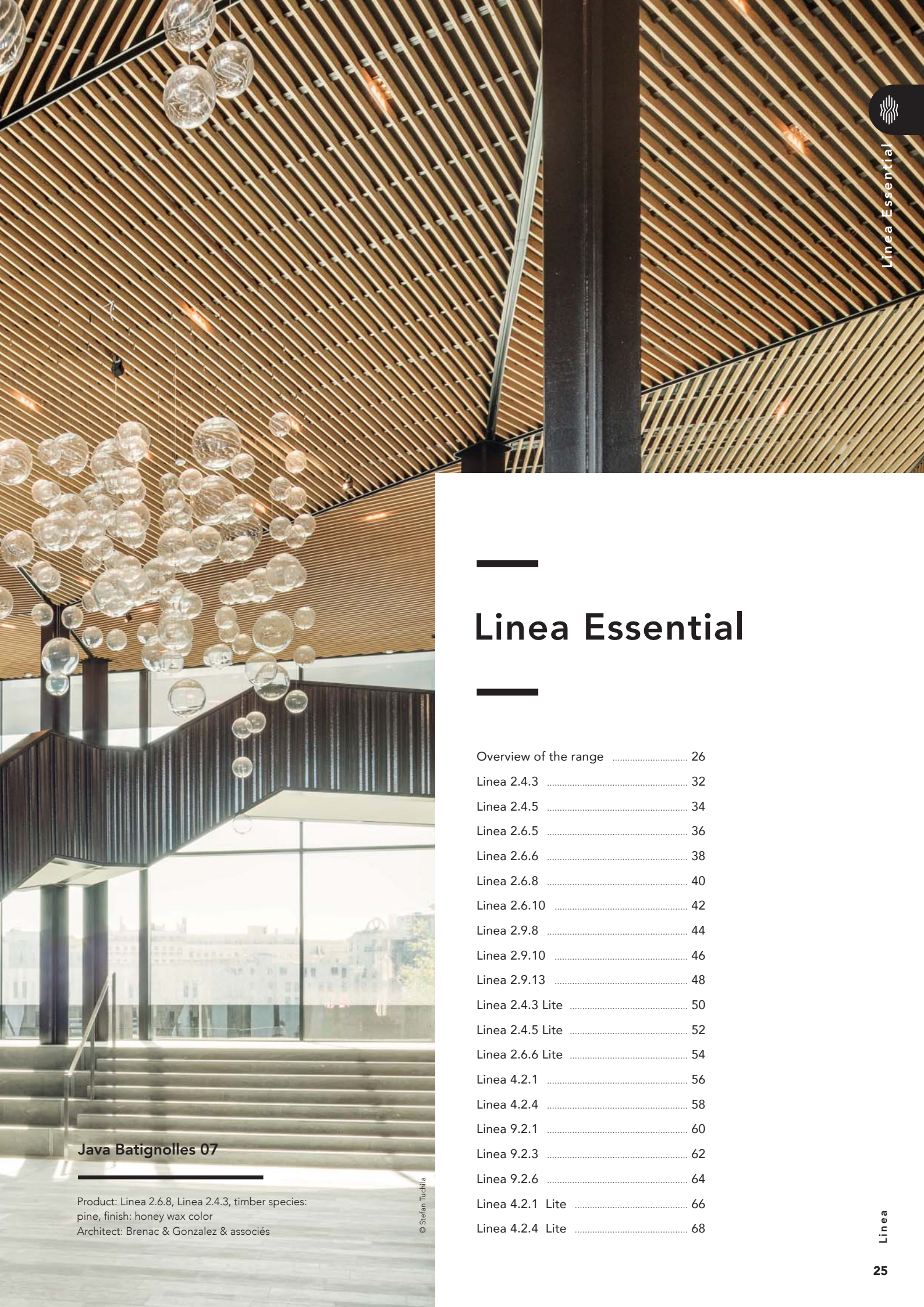


The Linea ranges

Beyond its intrinsic aesthetic qualities, wood helps to recreate an enveloping atmosphere firmly rooted in a particular place and time.
Suitable for both modern and more traditional settings, Linea panels provide excellent acoustic comfort and undeniable visual appeal.
Available in a variety of timber species and finishes, they allow spaces to be personalised to create unique, sensitive and harmonious atmospheres where materials, light and acoustics interact subtly.





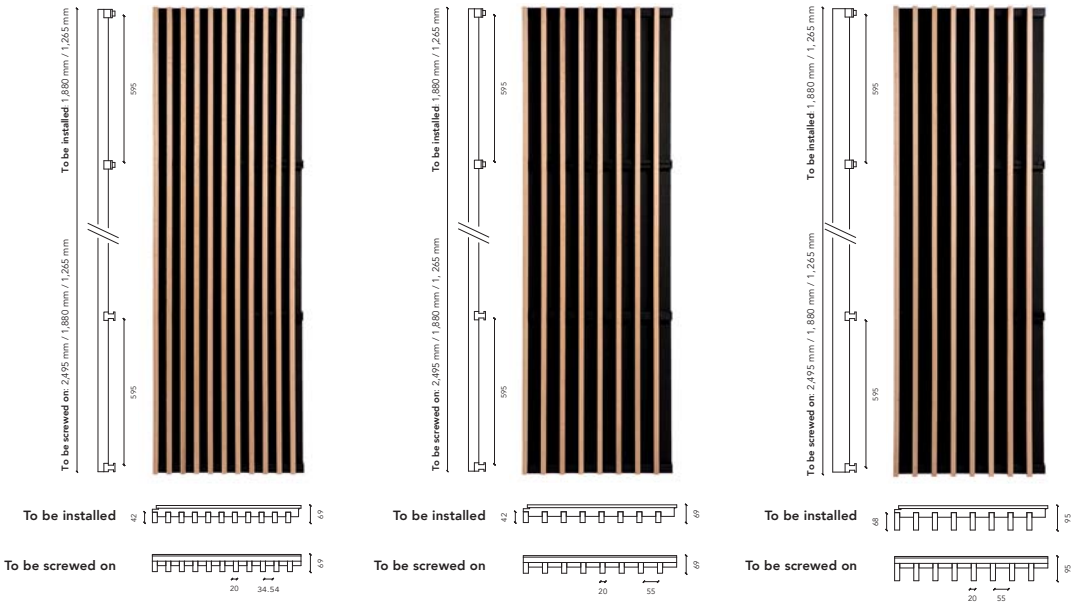


Java Batignolles 07

Product: Linea 2.6.8, Linea 2.4.3, timber species: pine, finish: honey wax color
Architect: Brenac & Gonzalez & associés

Linea Essential

The Linea Essential range



	Linea 2.4.3	Linea 2.4.5	Linea 2.6.5
Number of slats	11	8	8

TECHNICAL SPECIFICATIONS

Panel dimensions	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm
Slat cross-section	20 mm (front) x 42 mm (height)	20 mm (front) x 42 mm (height)	20 mm (front) x 68 mm (height)
Slat spacing	34.55 mm	55 mm	55 mm
Centre distance of slats	54.55 mm	75 mm	75 mm
Black rear counter-slats	34 mm (front) x 45 mm (height)	34 mm (front) x 45 mm (height)	34 mm (front) x 45 mm (height)
Total thickness	69 mm	69 mm	95 mm
Timber species	Silver fir, pine, oak	Silver fir, pine, oak	Silver fir, pine, oak
Area density, silver fir	9.7 kg/m²	7.6 kg/m²	11.1 kg/m²
Area density, pine	12.9 kg/m²	9.9 kg/m²	14.9 kg/m²
Area density, oak	15 kg/m²	11.5 kg/m²	17.5 kg/m²
Openness percentage	63%	73%	73%

FINISH / REACTION TO FIRE (IN ACCORDANCE WITH EN 13501-1)

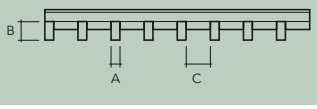
Fire-retardant (depending on type of wood and finish)	B-s1, d0 or B-s2, d0	B-s1, d0 or B-s2, d0	B-s1, d0 or B-s2, d0

ACOUSTIC PERFORMANCE

Ceiling	Weighted index	**α_W = 0.90***	α_W = 0.90	**α_W = 0.90***
	Absorption class	**Class A**	Class A	**Class A**
Wall	Weighted index	**α_W = 0.85***	**α_W = 0.85***	α_W = 0.90
	Absorption class	**Class B**	**Class B**	Class A

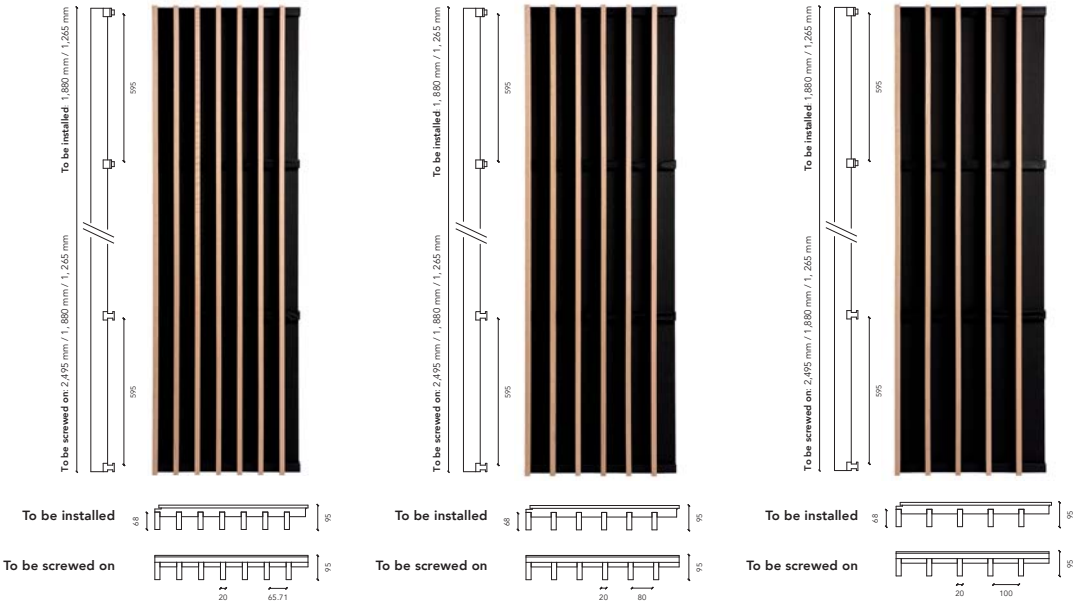
*** The sound absorption of these products has been measured in accordance with standard ISO 354.**

Understanding our product references is simple:



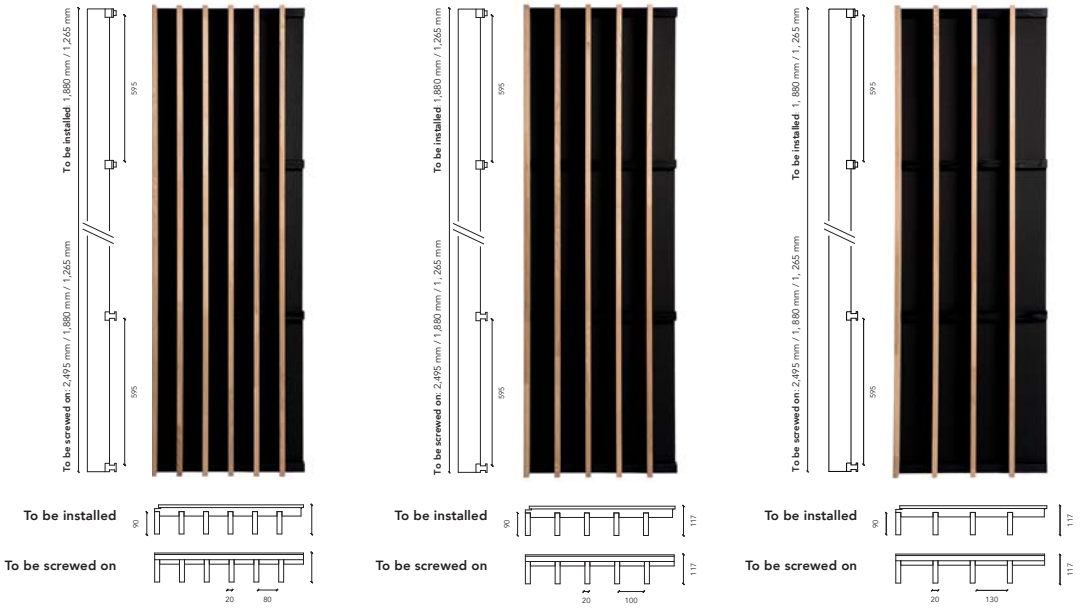
Linea **2**.**4**.**5** exemple

A = **2**0 mm slat cross-section | B = **4**2 mm slat thickness | C = **5**5 mm slat spacing



	Linea 2.6.6	Linea 2.6.8	Linea 2.6.10
	7	6	5
	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm
	20 mm (front) x 68 mm (height)	20 mm (front) x 68 mm (height)	20 mm (front) x 68 mm (height)
	65.71 mm	80 mm	100 mm
	85.71 mm	100 mm	120 mm
	34 mm (front) x 45 mm (height)	34 mm (front) x 45 mm (height)	34 mm (front) x 45 mm (height)
	95 mm	95 mm	95 mm
	Silver fir, pine, oak	Silver fir, pine, oak	Silver fir, pine, oak
	10 kg/m²	8.9 kg/m²	7.7 kg/m²
	13.3 kg/m²	11.7 kg/m²	10.1 kg/m²
	15.5 kg/m²	13.6 kg/m²	11.7 kg/m²
	77%	80%	83%
	B-s1, d0 or B-s2, d0	B-s1, d0 or B-s2, d0	B-s1, d0 or B-s2, d0
	α_W = 0.85*	**α_W = 0.85***	**α_W = 0.85***
	Class B	**Class B**	**Class B**
	α_W = 0.85	α_W = 0.85	α_W = 0.80
	Class B	Class B	Class B

The Linea Essential range



	Linea 2.9.8	Linea 2.9.10	Linea 2.9.13
Number of slats	6	5	4

TECHNICAL SPECIFICATIONS

Panel dimensions	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm (depending on the type of wood)	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm (depending on the type of wood)	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm (depending on the type of w
Slat cross-section	20 mm (front) x 90 mm (height)	20 mm (front) x 90 mm (height)	20 mm (front) x 90 mm (height)
Slat spacing	80 mm	100 mm	130 mm
Centre distance of slats	100 mm	120 mm	150 mm
Black rear counter-slats	34 mm (front) x 45 mm (height)	34 mm (front) x 45 mm (height)	34 mm (front) x 45 mm (height)
Total thickness	117 mm	117 mm	117 mm
Timber species	Pine, slatted finger-jointed oak	Pine, slatted finger-jointed oak	Pine, slatted finger-jointed oak
Area density, silver fir	/	/	/
Area density, pine	14.3 kg/m²	12.2 kg/m²	10 kg/m²
Area density, oak	16.8 kg/m²	14.3 kg/m²	11.8 kg/m²
Openness percentage	80%	83%	87%

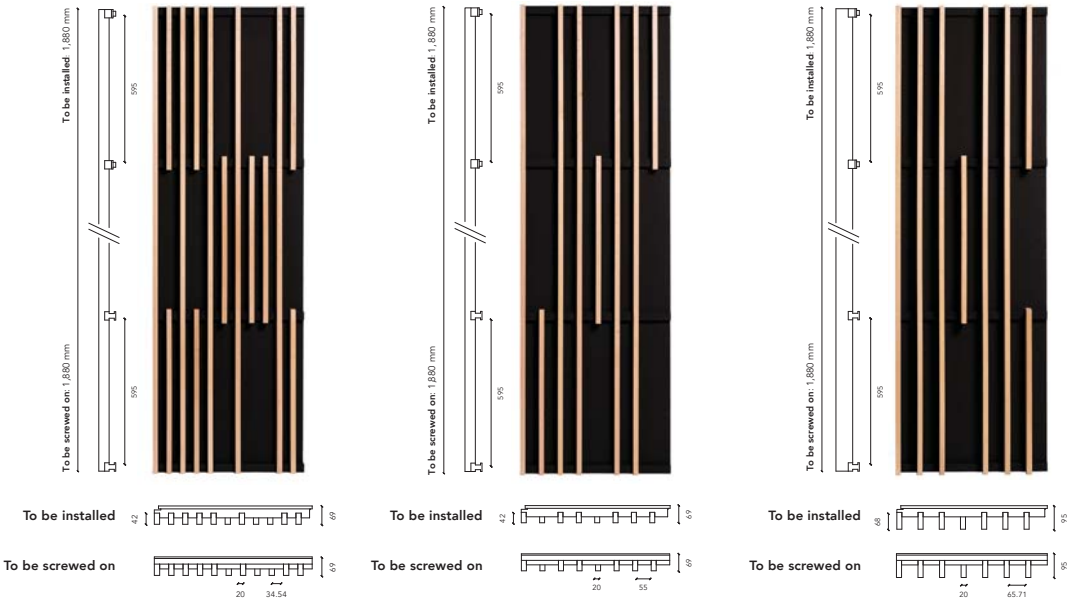
FINISH / REACTION TO FIRE (IN ACCORDANCE WITH EN 13501-1)

Fire-retardant (depending on type of wood and finish)	B-s1, d0 or B-s2, d0	B-s1, d0 or B-s2, d0	B-s1, d0 or B-s2, d0

ACOUSTIC PERFORMANCE

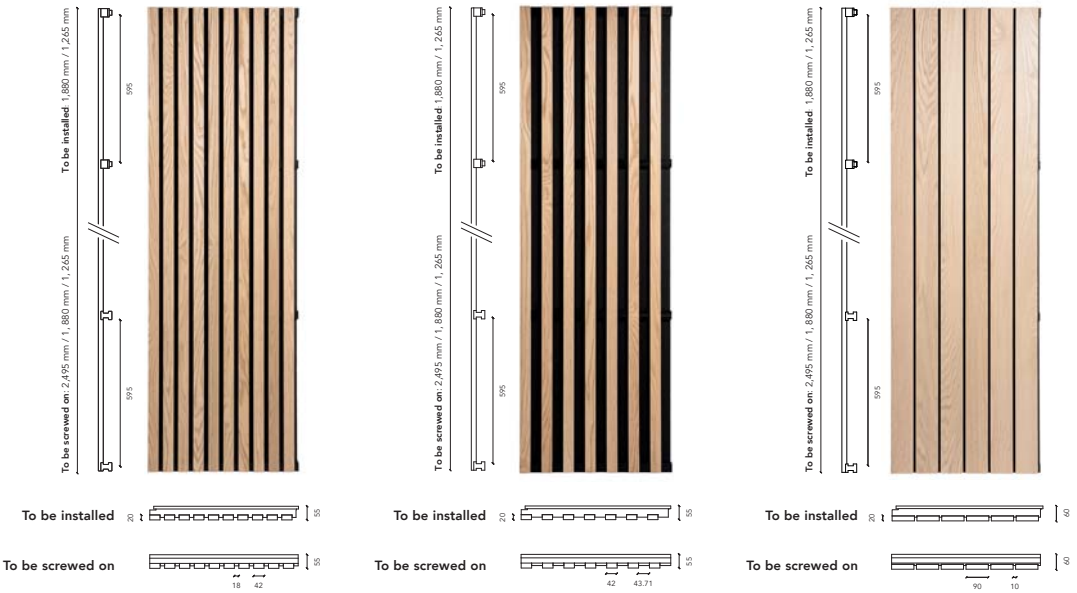
Ceiling	Weighted index	**α_W = 0.85***	**α_W = 0.85***	**α_W = 0.85***
	Absorption class	**Class B**	**Class B**	**Class B**
Wall	Weighted index	α_W = 0.85	α_W = 0.85	α_W = 0.85
	Absorption class	Class B	Class B	Class B

*** The sound absorption of these products has been measured in accordance with standard ISO 354.**



	Linea 2.4.3 Lite	Linea 2.4.5 Lite	Linea 2.6.6 Lite
	11	8	7
wood)	1,880 x 600 mm	1,880 x 600 mm	1,880 x 600 mm
	20 mm (front) x 42 mm (height)	20 mm (front) x 42 mm (height)	20 mm (front) x 68 mm (height)
	34.55 mm	55 mm	65.71 mm
	54.55 mm	75 mm	85.71 mm
	34 mm (front) x 45 mm (height)	34 mm (front) x 45 mm (height)	34 mm (front) x 45 mm (height)
	69 mm	69 mm	95 mm
	Silver fir, pine, oak	Silver fir, pine, oak	Silver fir, pine, oak
	7.5 kg/m²	6 kg/m²	8.7 kg/m²
	8.6 kg/m²	6.8 kg/m²	11.6 kg/m²
	10.1 kg/m²	8 kg/m²	13.5 kg/m²
	88%	80%	80%
	B-s1, d0 or B-s2, d0	B-s1, d0 or B-s2, d0	B-s1, d0 or B-s2, d0
	α_w = 0.90	α_w = 0.90	α_w = 0.90
	Class A	Class A	Class A
	α_w = 0.90	α_w = 0.90	α_w = 0.90
	Class A	Class A	Class A

The Linea Essential range



	Linea 4.2.1	Linea 4.2.4	Linea 9.2.1
Number of slats	10	7	6

TECHNICAL SPECIFICATIONS

Panel dimensions	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm
Slat cross-section	42 mm (front) x 20 mm (height)	42 mm (front) x 20 mm (height)	90 mm (front) x 20 mm (height)
Slat spacing	18 mm	43.71 mm	10 mm
Centre distance of slats:	60 mm	85.71 mm	100 mm
Black rear counter-slats	34 mm (front) x 45 mm (height)	34 mm (front) x 45 mm (height)	34 mm (front) x 45 mm (height)
Total thickness	55 mm	55 mm	60 mm
Timber species	Silver fir, pine, oak	Silver fir, pine, oak	Silver fir, pine, oak
Area density, silver fir	8.9 kg/m²	6.8 kg/m²	11.7 kg/m²
Area density, pine	11.9 kg/m²	8.9 kg/m²	14.3 kg/m²
Area density, oak	13.8 kg/m²	10.3 kg/m²	16.8 kg/m²
Openness percentage	30%	51%	10%

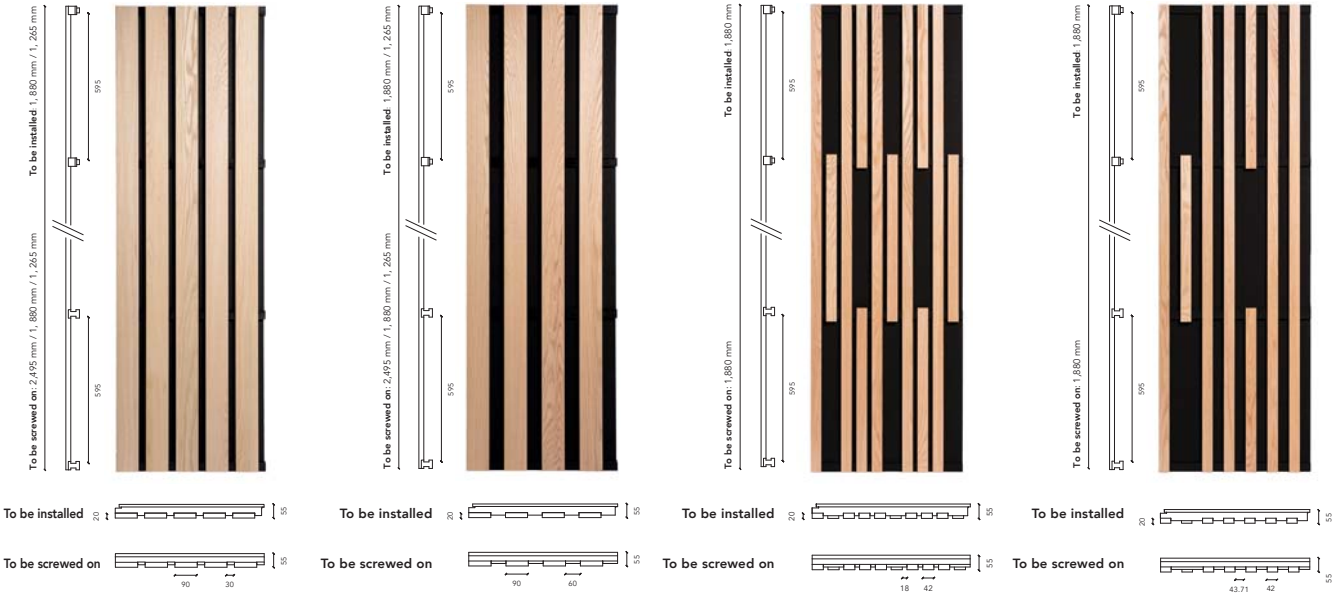
FINISH / REACTION TO FIRE (IN ACCORDANCE WITH EN 13501-1)

Fire-retardant (depending on type of wood and finish)	B-s1, d0 or B-s2, d0	B-s1, d0 or B-s2, d0	B-s1, d0 or B-s2, d0

ACOUSTIC PERFORMANCE

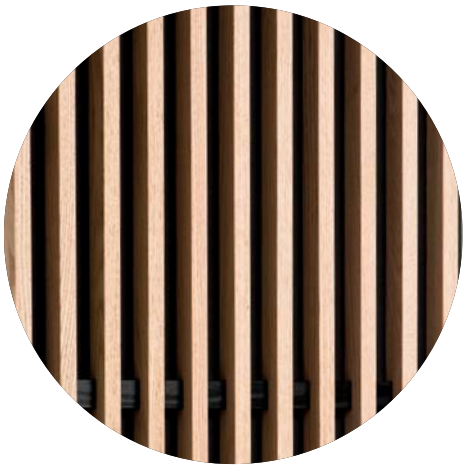
Ceiling	Weighted index	α_W = 0.55	**α_W = 0.75***	**α_W = 0.30***
	Absorption class	Class D	**Class C**	**Class D**
Wall	Weighted index	**α_W = 0.85***	**α_W = 0.85***	α_W = 0.20
	Absorption class	**Class B**	**Class B**	Class E

*** The sound absorption of these products has been measured in accordance with standard ISO 354.**



	Linea 9.2.3	Linea 9.2.6	Linea 4.2.1 Lite	Linea 4.2.4 Lite
	5	4	10	7
	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm	1,880 x 600 mm	1,880 x 600 mm
	90 mm (front) x 20 mm (height)	90 mm (front) x 20 mm (height)	42 mm (front) x 20 mm (height)	42 mm (front) x 20 mm (height)
	30 mm	60 mm	18 mm	43.71 mm
	120 mm	150 mm	60 mm	85.71 mm
	34 mm (front) x 45 mm (height)	34 mm (front) x 45 mm (height)	34 mm (front) x 45 mm (height)	34 mm (front) x 45 mm (height)
	55 mm	55 mm	55 mm	55 mm
	Silver fir, pine, oak	Silver fir, pine, oak	Silver fir, pine, oak	Silver fir, pine, oak
	8.9 kg/m²	7.4 kg/m²	6.9 kg/m²	6 kg/m²
	12 kg/m²	9.9 kg/m²	9.1 kg/m²	7.8 kg/m²
	14.1 kg/m²	11.6 kg/m²	10.6 kg/m²	8.9 kg/m²
	25%	40%	48%	58%
	B-s1, d0 or B-s2, d0	B-s1, d0 or B-s2, d0	B-s1, d0 or B-s2, d0	B-s1, d0 or B-s2, d0
	α_w = 0.50*	**α_w = 0.65***	α_w = 0.80	α_w = 0.85
	Class D	**Class C**	Class B	Class B
	α_w = 0.50	α_w = 0.70	α_w = 0.85	α_w = 0.90
	Class D	Class C	Class B	Class A

Linea 2.4.3



For suspended ceiling:

- Panel **TO BE INSTALLED** on T24 frame
- Panel **TO BE SCREWED** onto metal or wooden frame

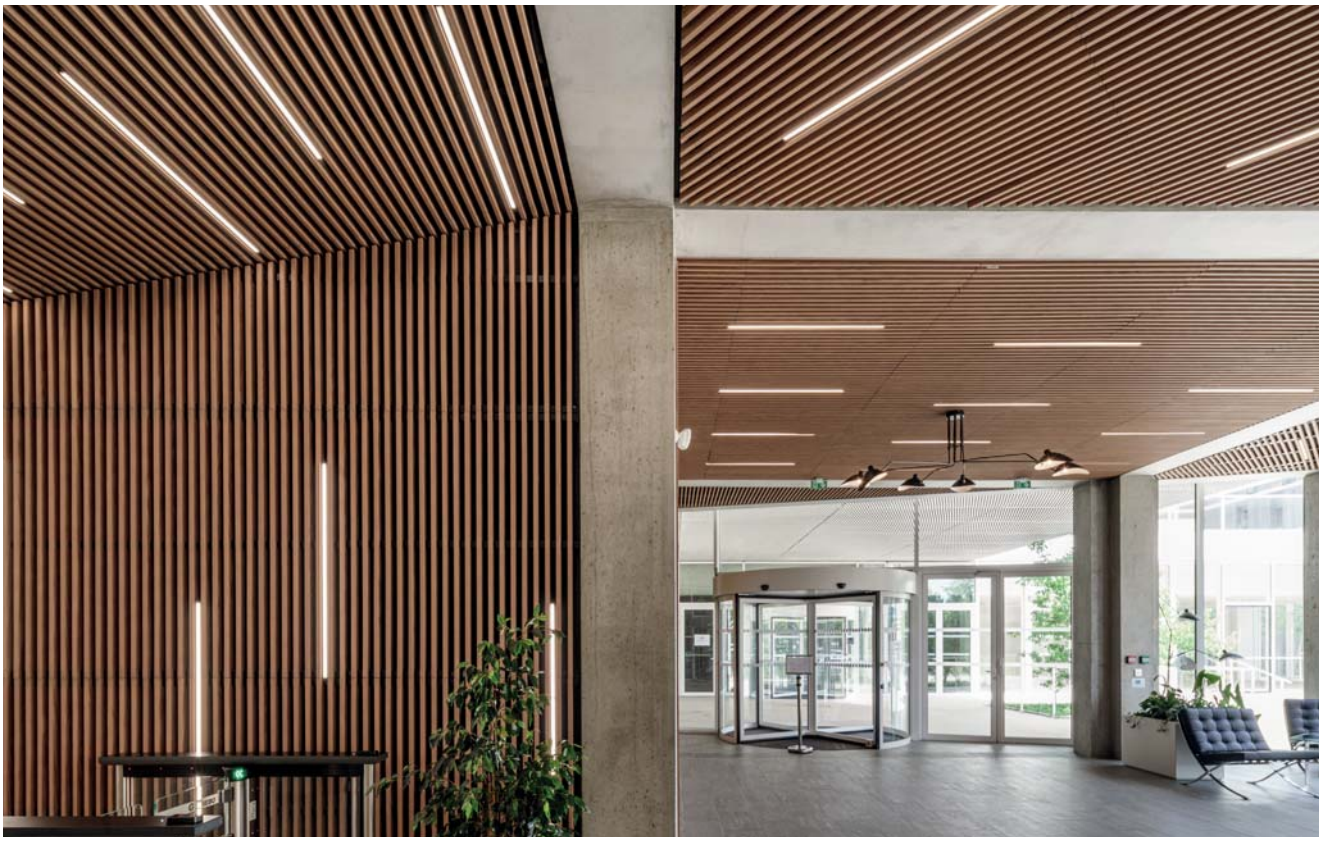
INSTALLATION:
In accordance with NF EN 13964
In accordance with DTU 58-1

For wall cladding:

- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 14915
In accordance with DTU 36-2

Fayat head office, Bordeaux - BLP associés



© Stefan Tuchila

TECHNICAL SPECIFICATIONS

Panel dimensions	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm
Slat cross-section	20 mm (front) x 42 mm (height)
Slat spacing	34.55 mm
Centre distance of slats:	54.55 mm
Black rear counter-slats	34 x 45 mm
Total thickness	69 mm
Timber species	Silver fir, pine, oak
Area density, silver fir	9.7 kg/m²
Area density, pine	12.9 kg/m²
Area density, oak	15 kg/m²
Openness percentage	63%

Back: rigid acoustic rockwool tiles (2.4 kg/m²), covered with black fleece finish (size: 600 x 600 mm; thickness: 20 or 22 mm).
Not supplied by Laudescher.

REACTION TO FIRE (IN ACCORDANCE WITH EN 13501-1)

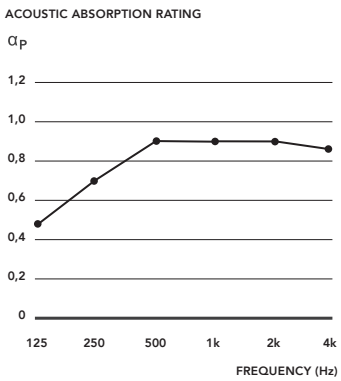
Fire-retardant, Euroclass standard B-s1, d0 or B-s2, d0 depending on the type of wood and finish.

ACOUSTIC PERFORMANCE

Various items of sound absorption data (αp, αw, absorption class) have been calculated in accordance with standard ISO 11654 (Linea + acoustic complement).

LINEA 2.4.3 CEILING

+ 20 mm rockwool on E250 mm plenum

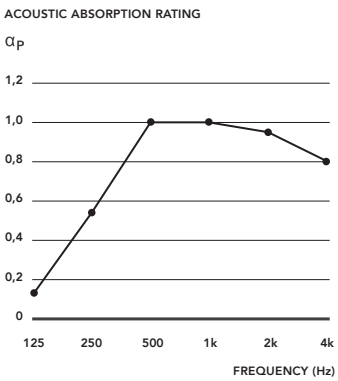


WEIGHTED INDEX:	ABSORPTION CLASS:
$\alpha_w = 0.90$	Class A

The sound absorption has been measured in accordance with standard ISO 354.

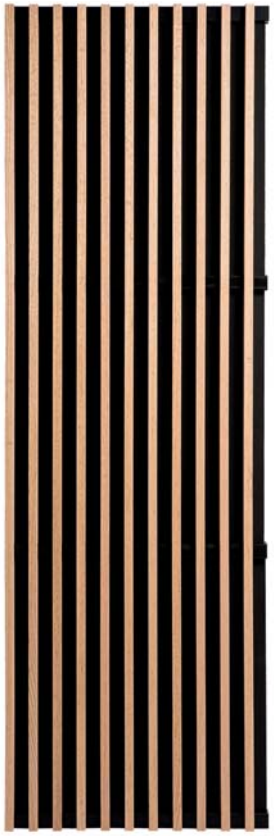
LINEA 2.4.3 WALL

+ 20 mm rockwool on E50 mm plenum



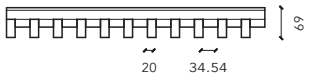
WEIGHTED INDEX:	ABSORPTION CLASS:
$\alpha_w = 0.85$	Class B

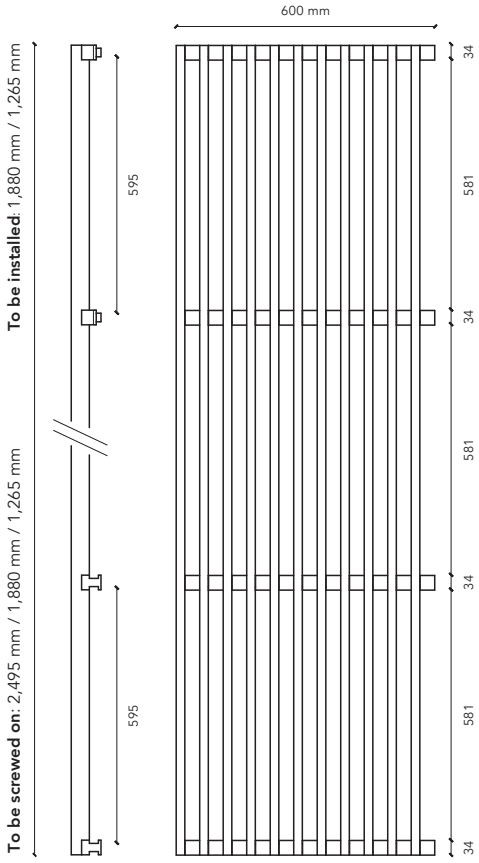
The sound absorption has been measured in accordance with standard ISO 354.



TO BE INSTALLED

TO BE SCREWED ON





Linea 2.4.5

For suspended ceiling:

- Panel **TO BE INSTALLED** on T24 frame
- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 13964
In accordance with DTU 58-1

For wall cladding:

- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 14915
In accordance with DTU 36-2

FTI, Geneva - Studio Banana

© Rubén P.Besco

TECHNICAL SPECIFICATIONS

Panel dimensions	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm
Slat cross-section	20 mm (front) x 42 mm (height)
Slat spacing	55 mm
Centre distance of slats:	75 mm
Black rear counter-slats	34 x 45 mm
Total thickness	69 mm
Timber species	Silver fir, pine, oak
Area density, silver fir	7.6 kg/m²
Area density, pine	9.9 kg/m²
Area density, oak	11.5 kg/m²
Openness percentage	73%

Back: rigid acoustic rockwool tiles (2.4 kg/m²), covered with black fleece finish (size: 600 x 600 mm; thickness: 20 or 22 mm).
Not supplied by Laudescher.

REACTION TO FIRE (IN ACCORDANCE WITH EN 13501-1)

Fire-retardant, Euroclass standard B-s1, d0 or B-s2, d0 depending on the type of wood and finish.

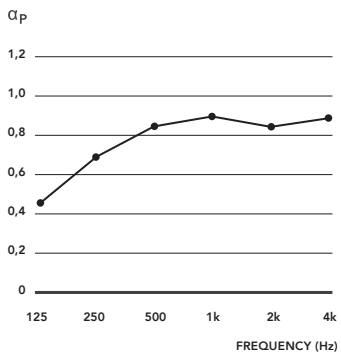
ACOUSTIC PERFORMANCE

Various items of sound absorption data (αp, αw, absorption class) have been calculated in accordance with standard ISO 11654 (Linea + acoustic complement).

LINEA 2.4.5 CEILING

+ 20 mm rockwool on E250 mm plenum

ACOUSTIC ABSORPTION RATING

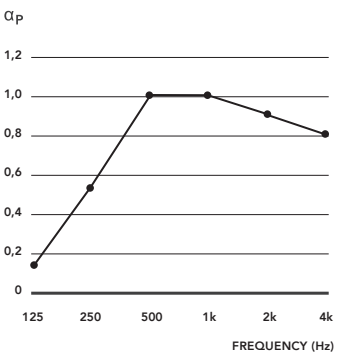


WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.90	Class A

LINEA 2.4.5 WALL

+ 20 mm rockwool on E50 mm plenum

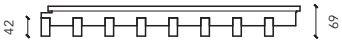
ACOUSTIC ABSORPTION RATING



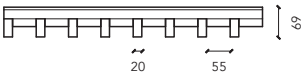
WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.85	Class B

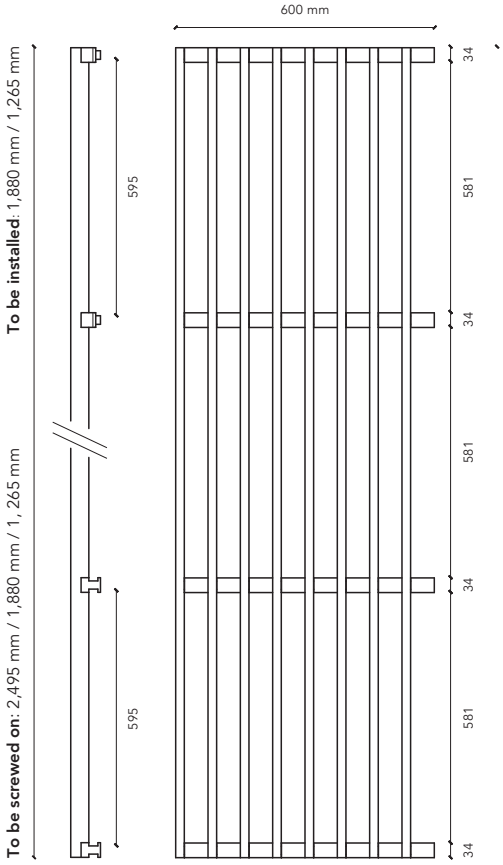
The sound absorption has been measured in accordance with standard ISO 354.

TO BE INSTALLED



TO BE SCREWED ON





Linea 2.6.5

For suspended ceiling:

- Panel **TO BE INSTALLED** on T24 frame
- Panel **TO BE SCREWED** onto metal or wooden frame

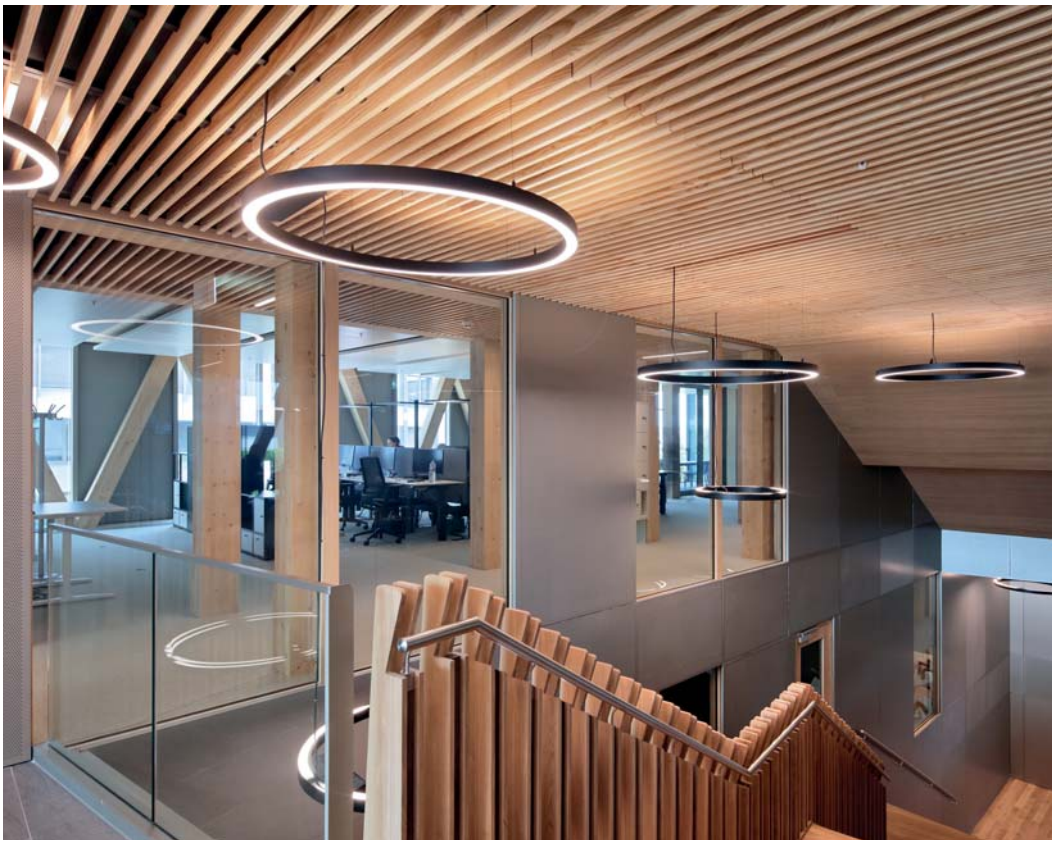
INSTALLATION:
In accordance with NF EN 13964
In accordance with DTU 58-1

For wall cladding:

- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 14915
In accordance with DTU 36-2

Wooden, Luxembourg - ArtBuild Architects



© Georges De Kinder

TECHNICAL SPECIFICATIONS

Panel dimensions	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm
Slat cross-section	20 mm (front) x 68 mm (height)
Slat spacing	55 mm
Centre distance of slats:	75 mm
Black rear counter-slats	34 x 45 mm
Total thickness	95 mm
Timber species	Silver fir, pine, oak
Area density, silver fir	11.1 kg/m²
Area density, pine	14.9 kg/m²
Area density, oak	17.5 kg/m²
Openness percentage	73%

Back: rigid acoustic rockwool tiles (2.4 kg/m²), covered with black fleece finish (size: 600 x 600 mm; thickness: 20 or 22 mm).
Not supplied by Laudescher.

REACTION TO FIRE (IN ACCORDANCE WITH EN 13501-1)

Fire-retardant, Euroclass standard B-s1, d0 or B-s2, d0 depending on the type of wood and finish.

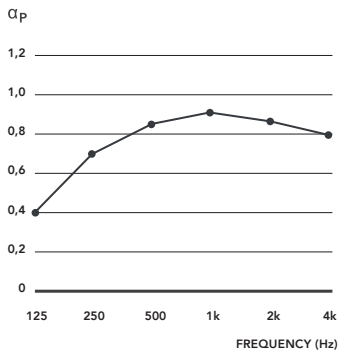
ACOUSTIC PERFORMANCE

Various items of sound absorption data (αp, αw, absorption class) have been calculated in accordance with standard ISO 11654 (Linea + acoustic complement).

LINEA 2.6.5 CEILING

+ 20 mm rockwool on E250 mm plenum

ACOUSTIC ABSORPTION RATING

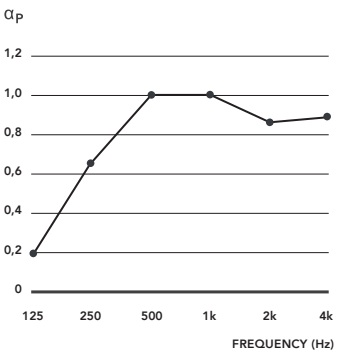


WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.90	Class A

LINEA 2.6.5 WALL

+ 20 mm rockwool on E50 mm plenum

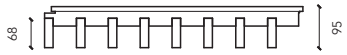
ACOUSTIC ABSORPTION RATING



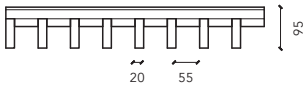
WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.90	Class A

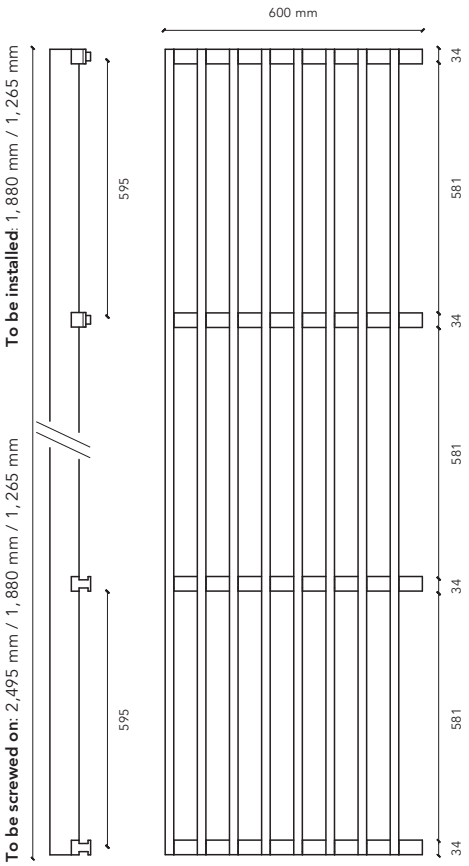
The sound absorption has been measured in accordance with standard ISO 354.

TO BE INSTALLED



TO BE SCREWED ON





Linea 2.6.6

For suspended ceiling:

- Panel **TO BE INSTALLED** on T24 frame
- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 13964
In accordance with DTU 58-1

For wall cladding:

- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 14915
In accordance with DTU 36-2

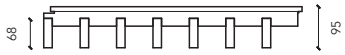
Basse-Ham reception hall - Atelier d'architecture Griselle Reding

TECHNICAL SPECIFICATIONS

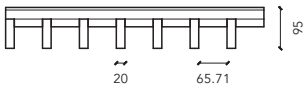
Panel dimensions	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm
Slat cross-section	20 mm (front) x 68 mm (height)
Slat spacing	65.71 mm
Centre distance of slats:	85.71 mm
Black rear counter-slats	34 x 45 mm
Total thickness	95 mm
Timber species	Silver fir, pine, oak
Area density, silver fir	10 kg/m²
Area density, pine	13.3 kg/m²
Area density, oak	15.5 kg/m²
Openness percentage	77%

Back: rigid acoustic rockwool tiles (2.4 kg/m²), covered with black fleece finish (size: 600 x 600 mm; thickness: 20 or 22 mm).
Not supplied by Laudescher.

TO BE INSTALLED



TO BE SCREWED ON



REACTION TO FIRE (IN ACCORDANCE WITH EN 13501-1)

Fire-retardant, Euroclass standard B-s1, d0 or B-s2, d0 depending on the type of wood and finish.

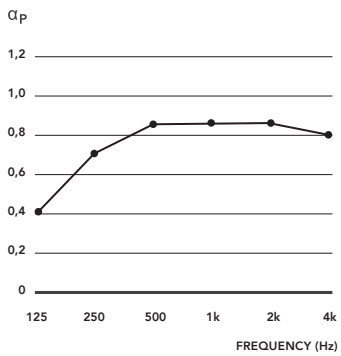
ACOUSTIC PERFORMANCE

Various items of sound absorption data (αp, αw, absorption class) have been calculated in accordance with standard ISO 11654 (Linea + acoustic complement).

LINEA 2.6.6 CEILING

+ 20 mm rockwool on E250 mm plenum

ACOUSTIC ABSORPTION RATING

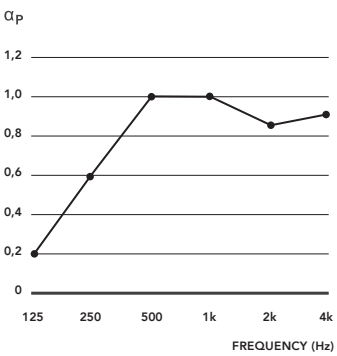


WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.85	Class B

LINEA 2.6.6 WALL

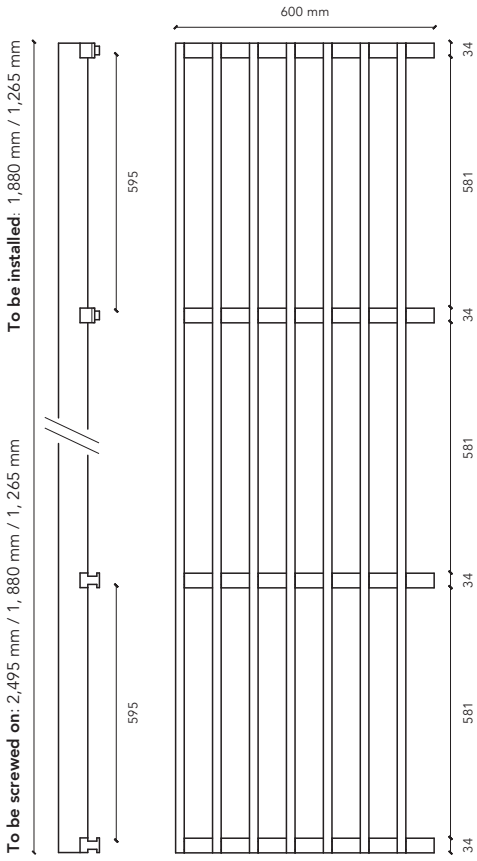
+ 20 mm rockwool on E50 mm plenum

ACOUSTIC ABSORPTION RATING



WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.85	Class B

The sound absorption has been measured in accordance with standard ISO 354.



Linea 2.6.8

For suspended ceiling:

- Panel **TO BE INSTALLED** on T24 frame
- Panel **TO BE SCREWED** onto metal or wooden frame

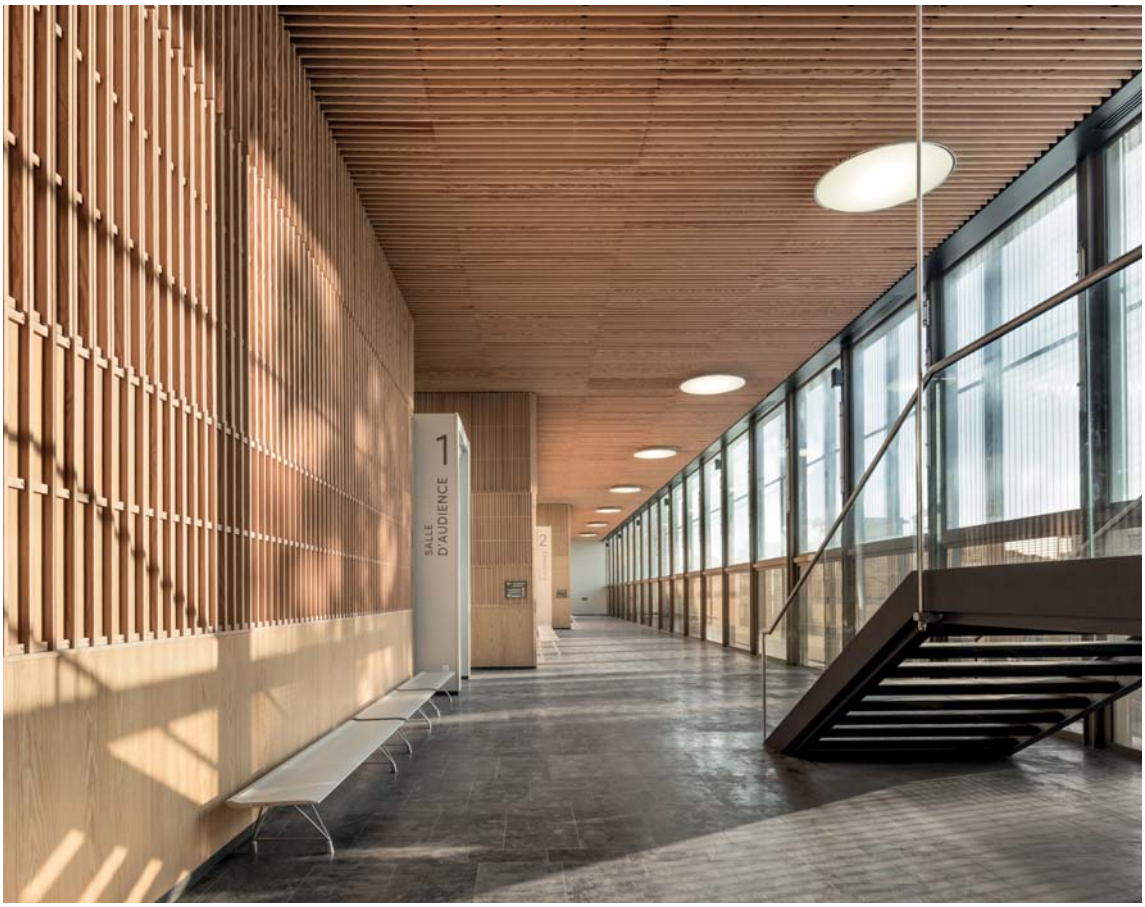
INSTALLATION:
In accordance with NF EN 13964
In accordance with DTU 58-1

For wall cladding:

- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 14915
In accordance with DTU 36-2

Courthouse, Pointe-à-Pitre - Ignacio Prego Architecture



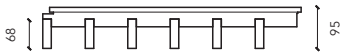
© Luc Boegly

TECHNICAL SPECIFICATIONS

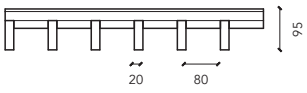
Panel dimensions	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm
Slat cross-section	20 mm (front) x 68 mm (height)
Slat spacing	80 mm
Centre distance of slats:	100 mm
Black rear counter-slats	34 x 45 mm
Total thickness	95 mm
Timber species	Silver fir, pine, oak
Area density, silver fir	8.9 kg/m²
Area density, pine	11.7 kg/m²
Area density, oak	13.6 kg/ m²
Openness percentage	80%

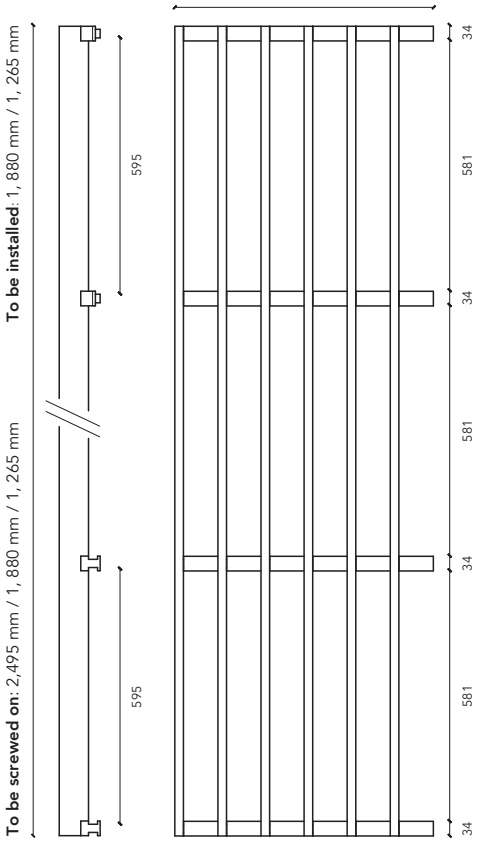
Back: rigid acoustic rockwool tiles (2.4 kg/m²), covered with black fleece finish (size: 600 x 600 mm; thickness: 20 or 22 mm).
Not supplied by Laudescher.

TO BE INSTALLED



TO BE SCREWED ON





REACTION TO FIRE (IN ACCORDANCE WITH EN 13501-1)

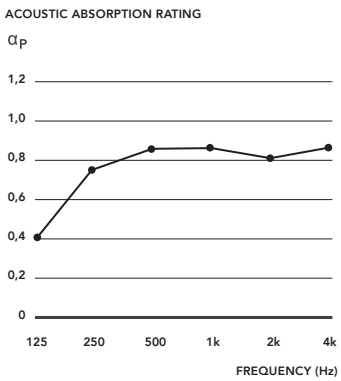
Fire-retardant, Euroclass standard B-s1, d0 or B-s2, d0 depending on the type of wood and finish.

ACOUSTIC PERFORMANCE

Various items of sound absorption data (αp, αw, absorption class) have been calculated in accordance with standard ISO 11654 (Linea + acoustic complement).

LINEA 2.6.8 CEILING

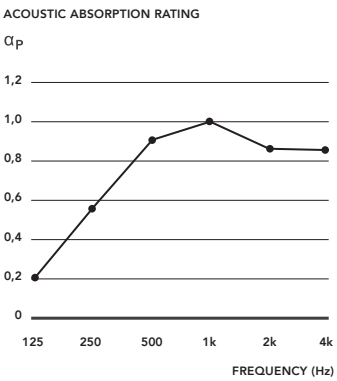
+ 20 mm rockwool on E250 mm plenum



WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.85	Class B

LINEA 2.6.8 WALL

+ 20 mm rockwool on E50 mm plenum



WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.85	Class B

The sound absorption has been measured in accordance with standard ISO 354.

Linea 2.6.10

For suspended ceiling:

- Panel **TO BE INSTALLED** on T24 frame
- Panel **TO BE SCREWED** onto metal or wooden frame

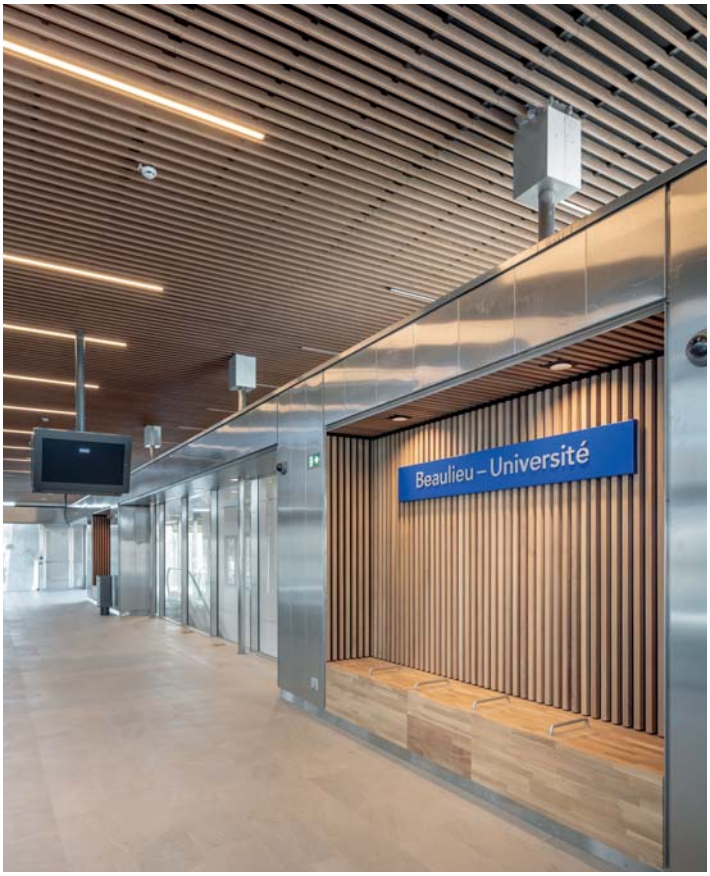
INSTALLATION:
In accordance with NF EN 13964
In accordance with DTU 58-1

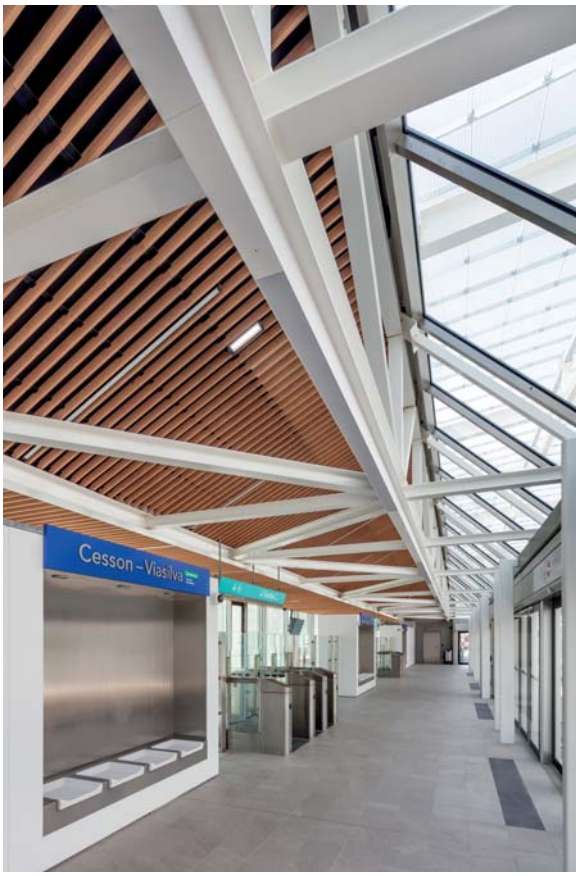
For wall cladding:

- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 14915
In accordance with DTU 36-2

Metro station, Rennes - Anthracite Architecture





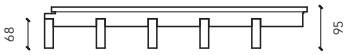
© Luc Boegly

TECHNICAL SPECIFICATIONS

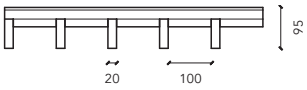
Panel dimensions	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm
Slat cross-section	20 mm (front) x 68 mm (height)
Slat spacing	100 mm
Centre distance of slats:	120 mm
Black rear counter-slats	34 x 45 mm
Total thickness	95 mm
Timber species	Silver fir, pine, oak
Area density, silver fir	7.7 kg/m²
Area density, pine	10.1 kg/m²
Area density, oak	11.7 kg/m²
Openness percentage	83%

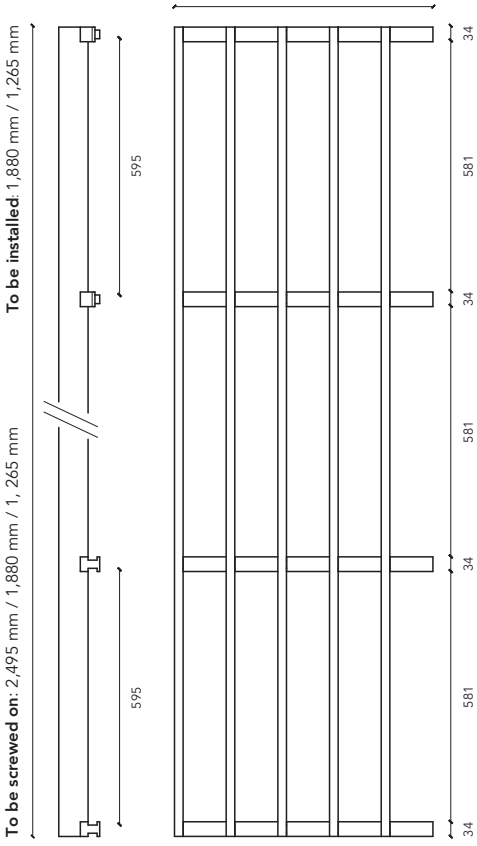
Back: rigid acoustic rockwool tiles (2.4 kg/m²), covered with black fleece finish (size: 600 x 600 mm; thickness: 20 or 22 mm).
Not supplied by Laudescher.

TO BE INSTALLED



TO BE SCREWED ON





REACTION TO FIRE (IN ACCORDANCE WITH EN 13501-1)

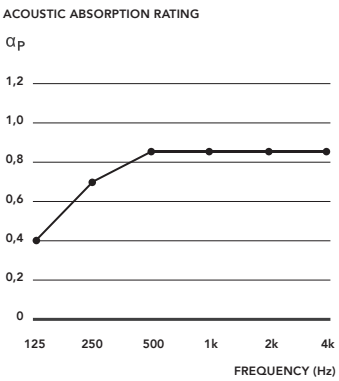
Fire-retardant, Euroclass standard B-s1, d0 or B-s2, d0 depending on the type of wood and finish.

ACOUSTIC PERFORMANCE

Various items of sound absorption data (αp, αw, absorption class) have been calculated in accordance with standard ISO 11654 (Linea + acoustic complement).

LINEA 2.6.10 CEILING

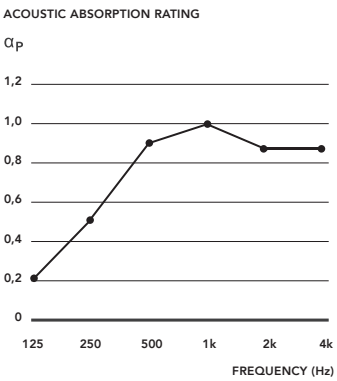
+ 20 mm rockwool on E250 mm plenum



WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.85	Class B

LINEA 2.6.10 WALL

+ 20 mm rockwool on E50 mm plenum



WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.80	Class B

The sound absorption has been measured in accordance with standard ISO 354.

Linea 2.9.8

For suspended ceiling:

- Panel **TO BE INSTALLED** on T24 frame
- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 13964
In accordance with DTU 58-1

For wall cladding:

- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 14915
In accordance with DTU 36-2

© Sens Design

TECHNICAL SPECIFICATIONS

Panel dimensions	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm (depending on type of wood)
Slat cross-section	20 mm (front) x 90 mm (height)
Slat spacing	80 mm
Centre distance of slats:	100 mm
Black rear counter-slats	34 x 45 mm
Total thickness	117 mm
Timber species	Pine, slatted finger-jointed oak
Area density, pine	14.3 kg/m²
Area density, oak	16.8 kg/m²
Openness percentage	80%

Back: rigid acoustic rockwool tiles (2.4 kg/m²), covered with black fleece finish (size: 600 x 600 mm; thickness: 20 or 22 mm).
Not supplied by Laudescher.

REACTION TO FIRE (IN ACCORDANCE WITH EN 13501-1)

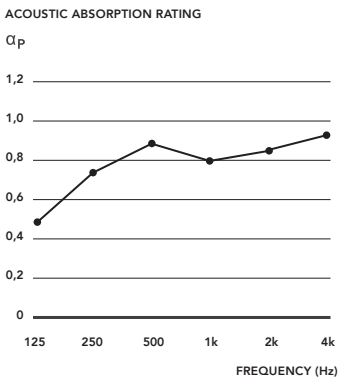
Fire-retardant, Euroclass standard B-s1, d0 or B-s2, d0 depending on the type of wood and finish.

ACOUSTIC PERFORMANCE

Various items of sound absorption data (αp, αw, absorption class) have been calculated in accordance with standard ISO 11654 (Linea + acoustic complement).

LINEA 2.9.8 CEILING

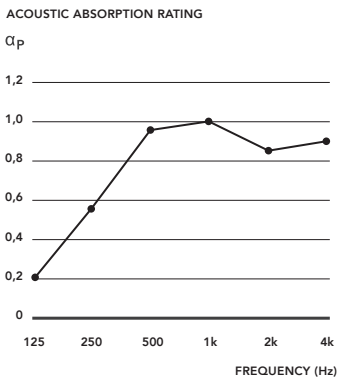
+ 20 mm rockwool on E250 mm plenum



WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.85	Class B

LINEA 2.9.8 WALL

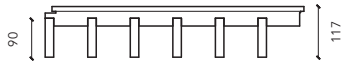
+ 20 mm rockwool on plenum E50 mm



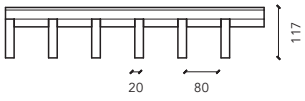
WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.85	Class B

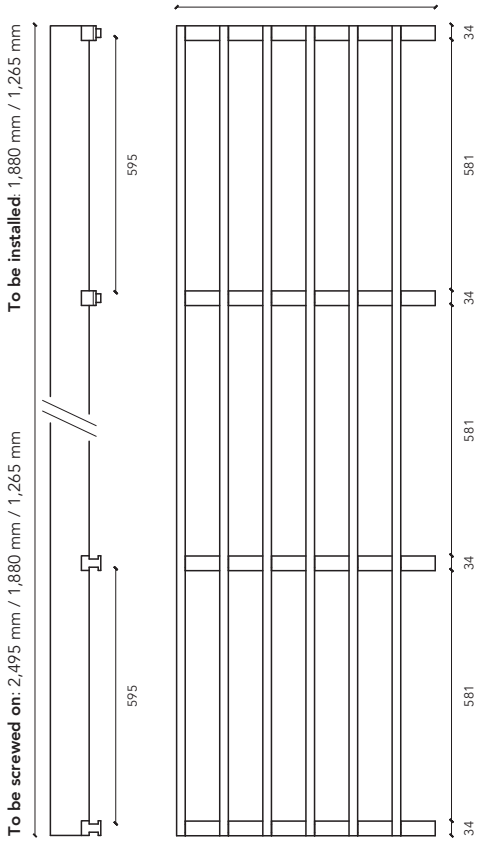
The sound absorption has been measured in accordance with standard ISO 354.

TO BE INSTALLED



TO BE SCREWED ON





Linea 2.9.10

For suspended ceiling:

- Panel **TO BE INSTALLED** on T24 frame
- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 13964
In accordance with DTU 58-1

For wall cladding:

- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 14915
In accordance with DTU 36-2

Orly 3 food court, Paris - Agence Costa

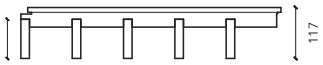
© Antoine Marceau

TECHNICAL SPECIFICATIONS

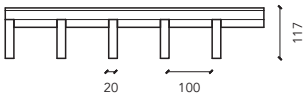
Panel dimensions	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm (depending on type of wood)
Slat cross-section	20 mm (front) x 90 mm (height)
Slat spacing	100 mm
Centre distance of slats:	120 mm
Black rear counter-slats	34 x 45 mm
Total thickness	117 mm
Timber species	Pine, slatted finger-jointed oak
Area density, pine	12.2 kg/m²
Area density, oak	14.3 kg/m²
Openness percentage	83%

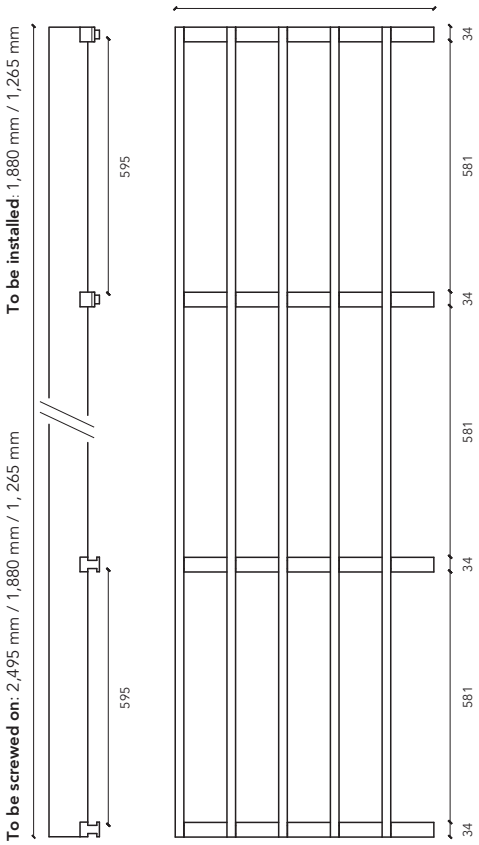
Back: rigid acoustic rockwool tiles (2.4 kg/m²), covered with black fleece finish (size: 600 x 600 mm; thickness: 20 or 22 mm).
Not supplied by Laudescher.

TO BE INSTALLED



TO BE SCREWED ON





REACTION TO FIRE (IN ACCORDANCE WITH EN 13501-1)

Fire-retardant, Euroclass standard B-s1, d0 or B-s2, d0 depending on the type of wood and finish.

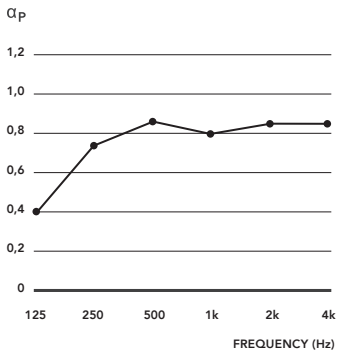
ACOUSTIC PERFORMANCE

Various items of sound absorption data (αp, αw, absorption class) have been calculated in accordance with standard ISO 11654 (Linea + acoustic complement).

LINEA 2.9.10 CEILING

+ 20 mm rockwool on E250 mm plenum

ACOUSTIC ABSORPTION RATING

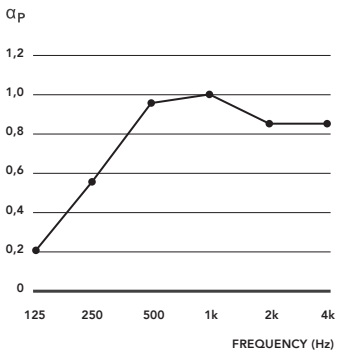


WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.85	Class B

LINEA 2.9.10 WALL

+ 20 mm rockwool on plenum E50 mm

ACOUSTIC ABSORPTION RATING



WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.85	Class B

The sound absorption has been measured in accordance with standard ISO 354.

Linea 2.9.13

For suspended ceiling:

- Panel **TO BE INSTALLED** on T24 frame
- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 13964
In accordance with DTU 58-1

For wall cladding:

- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 14915
In accordance with DTU 36-2

TECHNICAL SPECIFICATIONS

Panel dimensions	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm (depending on type of wood)
Slat cross-section	20 mm (front) x 90 mm (height)
Slat spacing	130 mm
Centre distance of slats:	150 mm
Black rear counter-slats	34 x 45 mm
Total thickness	117 mm
Timber species	Pine, slatted finger-jointed oak
Area density, pine	10 kg/m²
Area density, oak	11.8 kg/m²
Openness percentage	87%

Back: rigid acoustic rockwool tiles (2.4 kg/m²), covered with black fleece finish (size: 600 x 600 mm; thickness: 20 or 22 mm).
Not supplied by Laudescher.

REACTION TO FIRE (IN ACCORDANCE WITH EN 13501-1)

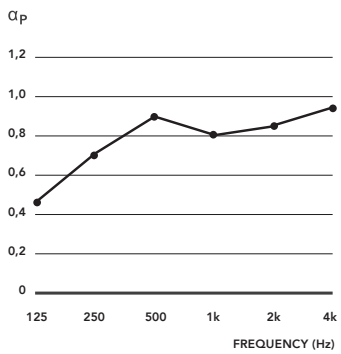
Fire-retardant, Euroclass standard B-s1, d0 or B-s2, d0 depending on the type of wood and finish.

ACOUSTIC PERFORMANCE

Various items of sound absorption data (αp, αw, absorption class) have been calculated in accordance with standard ISO 11654 (Linea + acoustic complement).

LINEA 2.9.13 CEILING
+ 20 mm rockwool on E250 mm plenum

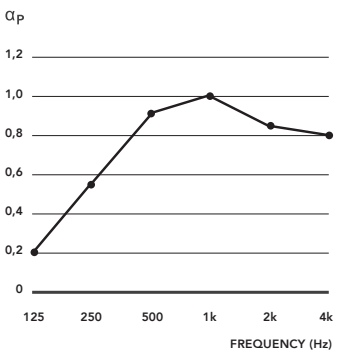
ACOUSTIC ABSORPTION RATING



WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.85	Class B

LINEA 2.9.13 WALL
+ 20 mm rockwool on plenum E50 mm

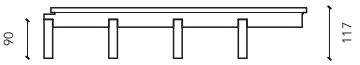
ACOUSTIC ABSORPTION RATING



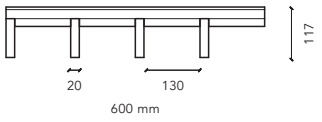
WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.85	Class B

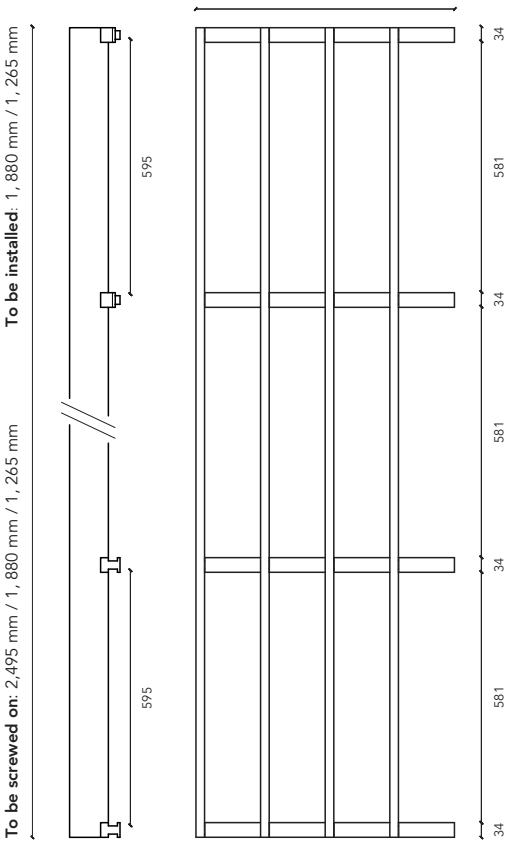
The sound absorption has been measured in accordance with standard ISO 354.

TO BE INSTALLED



TO BE SCREWED ON





Linea 2.4.3 Lite

For suspended ceiling:

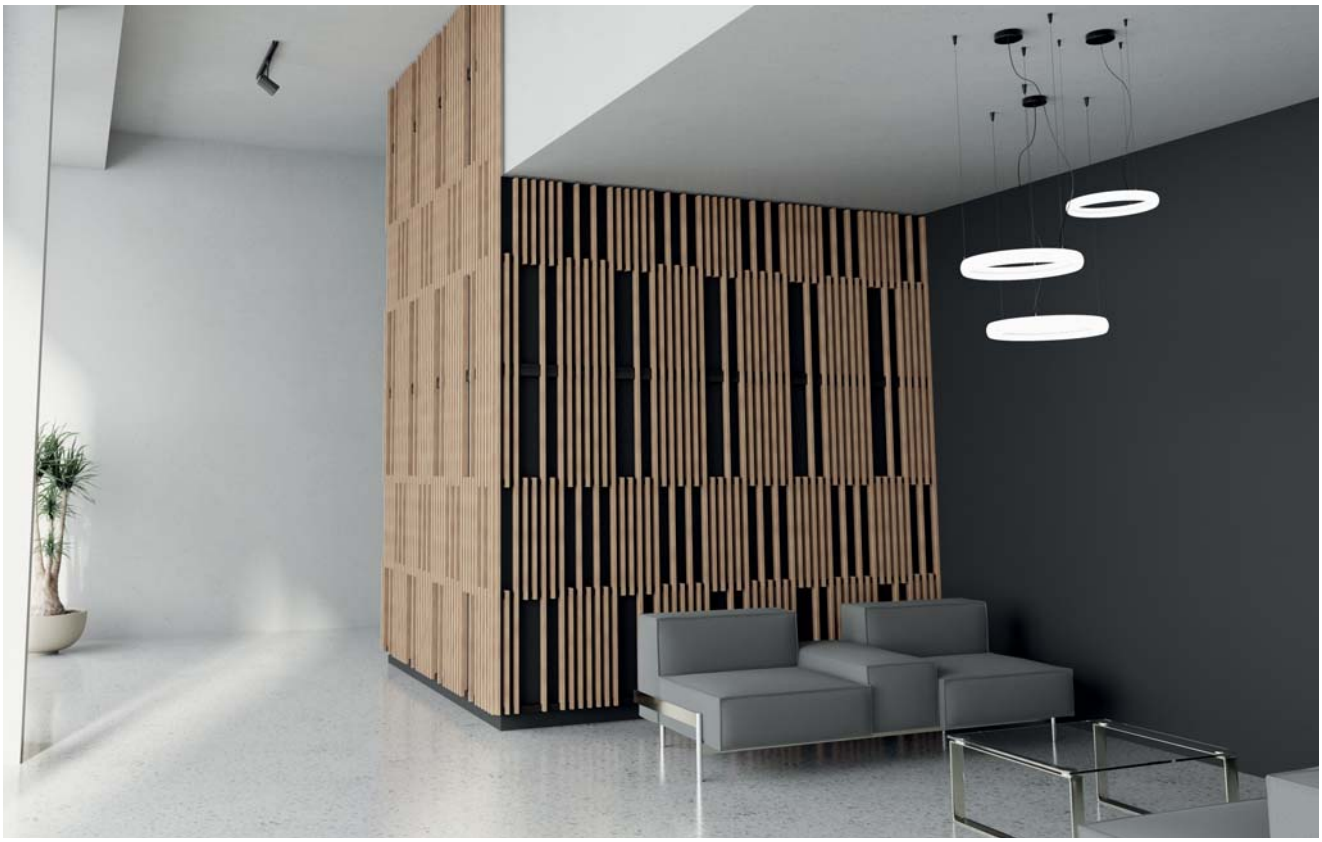
- Panel **TO BE INSTALLED** on T24 frame
- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 13964
In accordance with DTU 58-1

For wall cladding:

- Panel **TO BE SCREWED** onto metal or wooden frame

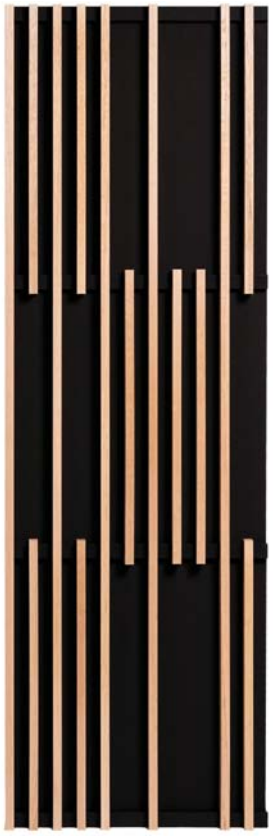
INSTALLATION:
In accordance with NF EN 14915
In accordance with DTU 36-2



TECHNICAL SPECIFICATIONS

Panel dimensions	1,880 x 600 mm
Slat cross-section	20 mm (front) x 42 mm (height)
Slat spacing	34.55 mm
Centre distance of slats:	54.55 mm
Black rear counter-slats	34 x 45 mm
Total thickness	69 mm
Timber species	Silver fir, pine, oak
Area density, silver fir	7.5 kg/m²
Area density, pine	8.6 kg/m²
Area density, oak	10.1 kg/m²
Openness percentage	88%

Back: rigid acoustic rockwool tiles (2.4 kg/m²), covered with black fleece finish (size: 600 x 600 mm; thickness: 20 or 22 mm).
Not supplied by Laudescher.



REACTION TO FIRE (IN ACCORDANCE WITH EN 13501-1)

Fire-retardant, Euroclass standard B-s1, d0 or B-s2, d0 depending on the type of wood and finish.

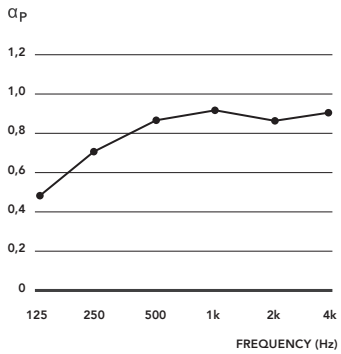
ACOUSTIC PERFORMANCE

Various items of sound absorption data (αp, αw, absorption class) have been calculated in accordance with standard ISO 11654 (Linea + acoustic complement).

LINEA 2.4.3 LITE CEILING

+ 20 mm rockwool on E250 mm plenum

ACOUSTIC ABSORPTION RATING

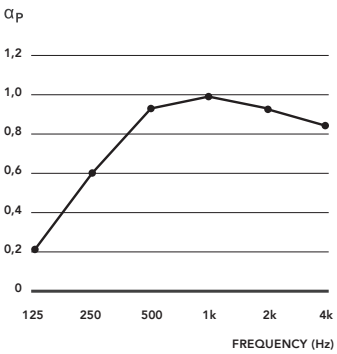


WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.90	Class A

LINEA 2.4.3 LITE WALL

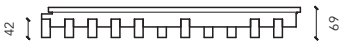
+ 20 mm rockwool on plenum E50 mm

ACOUSTIC ABSORPTION RATING

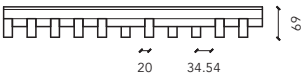


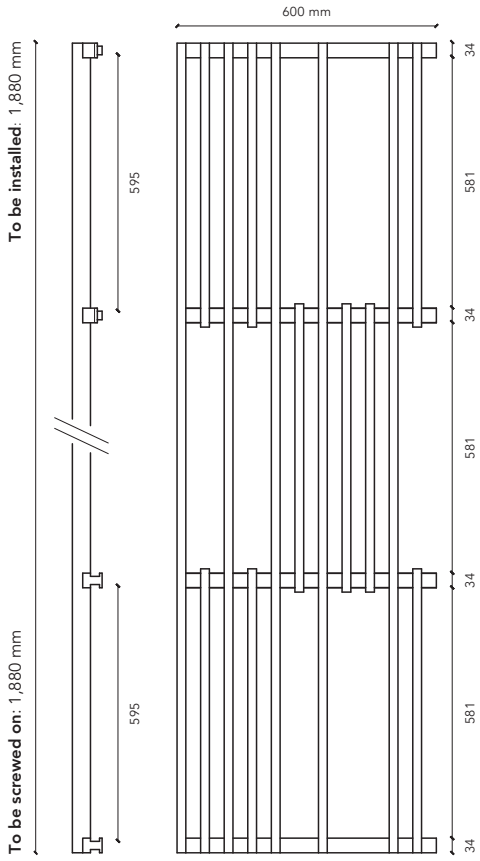
WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.90	Class A

TO BE INSTALLED



TO BE SCREWED ON





Linea 2.4.5 Lite

For suspended ceiling:

- Panel **TO BE INSTALLED** on T24 frame
- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 13964
In accordance with DTU 58-1

For wall cladding:

- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 14915
In accordance with DTU 36-2

© Sens Design

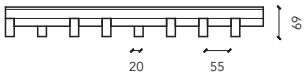
TECHNICAL SPECIFICATIONS

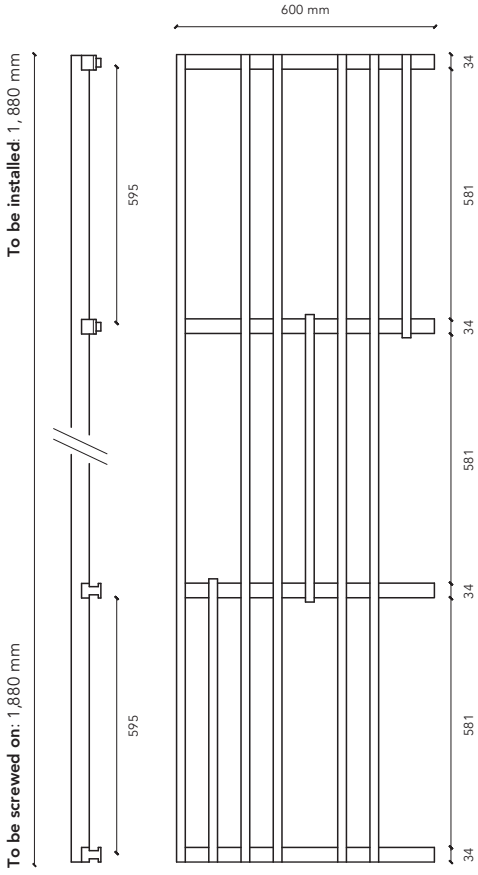
Panel dimensions	1,880 x 600 mm
Slat cross-section	20 mm (front) x 42 mm (height)
Slat spacing	55 mm
Centre distance of slats:	75 mm
Black rear counter-slats	34 x 45 mm
Total thickness	69 mm
Timber species	Silver fir, pine, oak
Area density, silver fir	6 kg/m²
Area density, pine	6.8 kg/m²
Area density, oak	8 kg/m²
Openness percentage	80%

Back: rigid acoustic rockwool tiles (2.4 kg/m²), covered with black fleece finish (size: 600 x 600 mm; thickness: 20 or 22 mm).
Not supplied by Laudescher.

TO BE INSTALLED

TO BE SCREWED ON





REACTION TO FIRE (IN ACCORDANCE WITH EN 13501-1)

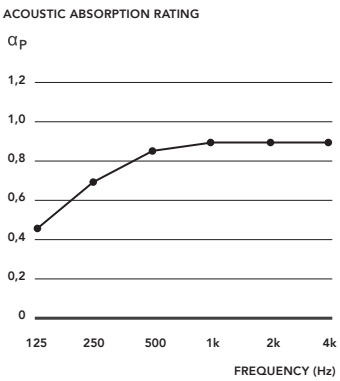
Fire-retardant, Euroclass standard B-s1, d0 or B-s2, d0 depending on the type of wood and finish.

ACOUSTIC PERFORMANCE

Various items of sound absorption data (αp, αw, absorption class) have been calculated in accordance with standard ISO 11654 (Linea + acoustic complement).

LINEA 2.4.5 LITE CEILING

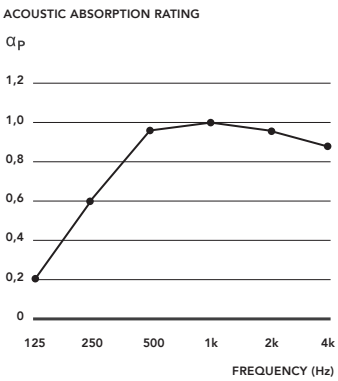
+ 20 mm rockwool on E250 mm plenum



WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.90	Class A

LINEA 2.4.5 LITE WALL

+ 20 mm rockwool on plenum E50 mm



WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.90	Class A

Linea 2.6.6 Lite

For suspended ceiling:

- Panel **TO BE INSTALLED** on T24 frame
- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 13964
In accordance with DTU 58-1

For wall cladding:

- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 14915
In accordance with DTU 36-2

TECHNICAL SPECIFICATIONS

Panel dimensions	1,880 x 600 mm
Slat cross-section	20 mm (front) x 68 mm (height)
Slat spacing	65.71 mm
Centre distance of slats:	85.71 mm
Black rear counter-slats	34 x 45 mm
Total thickness	95 mm
Timber species	Silver fir, pine, oak
Area density, silver fir	8.7 kg/m²
Area density, pine	11.6 kg/m²
Area density, oak	13.5 kg/m²
Openness percentage	80%

Back: rigid acoustic rockwool tiles (2.4 kg/m²), covered with black fleece finish (size: 600 x 600 mm; thickness: 20 or 22 mm).
Not supplied by Laudescher.

REACTION TO FIRE (IN ACCORDANCE WITH EN 13501-1)

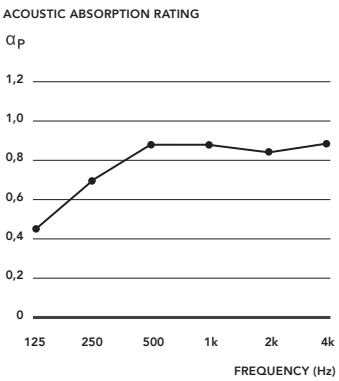
Fire-retardant, Euroclass standard B-s1, d0 or B-s2, d0 depending on the type of wood and finish.

ACOUSTIC PERFORMANCE

Various items of sound absorption data (αp, αw, absorption class) have been calculated in accordance with standard ISO 11654 (Linea + acoustic complement).

LINEA 2.6.6 LITE CEILING

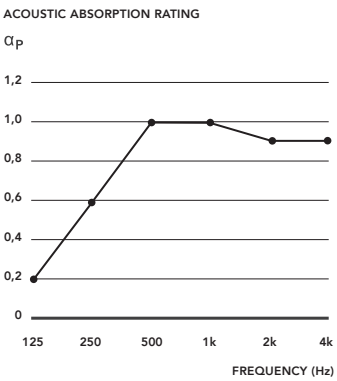
+ 20 mm rockwool on E250 mm plenum



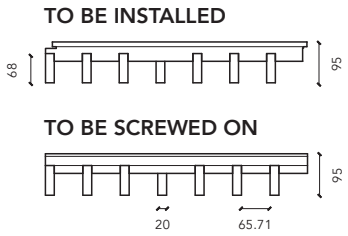
WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.90	Class A

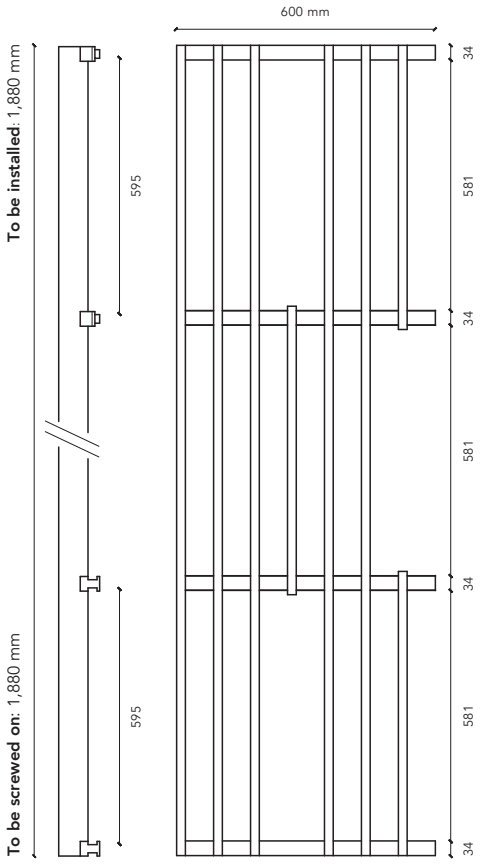
LINEA 2.6.6 LITE WALL

+ 20 mm rockwool on plenum E50 mm



WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.90	Class A





Linea 4.2.1

For suspended ceiling:

- Panel **TO BE INSTALLED** on T24 frame
- Panel **TO BE SCREWED** onto metal or wooden frame

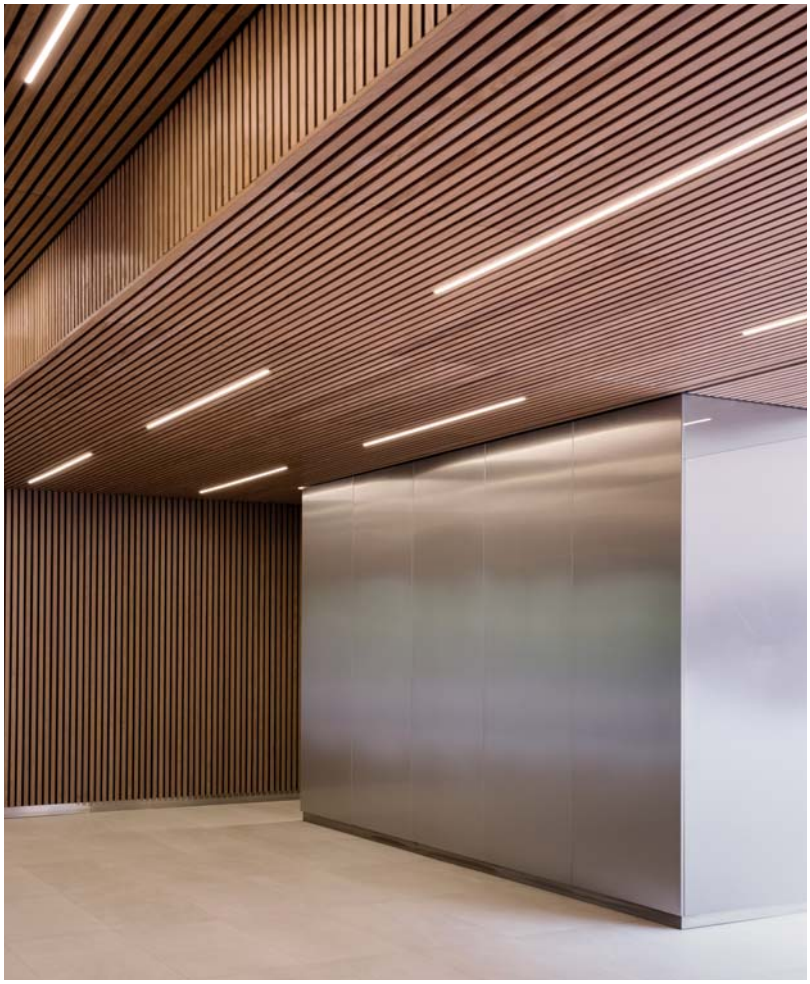
INSTALLATION:
In accordance with NF EN 13964
In accordance with DTU 58-1

For wall cladding:

- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 14915
In accordance with DTU 36-2

Icade Pulse, Ile de France - BFV



© Alfred Cromback

TECHNICAL SPECIFICATIONS

Panel dimensions	2495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm
Slat cross-section	42 mm (front) x 20 mm (height)
Slat spacing	18 mm
Centre distance of slats:	60 mm
Black rear counter-slats	34 x 45 mm
Total thickness	55 mm
Timber species	Silver fir, pine, oak
Area density, silver fir	8.9 kg/m²
Area density, pine	11.9 kg/m²
Area density, oak	13.8 kg/m²
Openness percentage	30%

Back: rigid acoustic rockwool tiles (2.4 kg/m²), covered with black fleece finish (size: 600 x 600 mm; thickness: 20 or 22 mm).
Not supplied by Laudescher.

REACTION TO FIRE (IN ACCORDANCE WITH EN 13501-1)

Fire-retardant, Euroclass standard B-s1, d0 or B-s2, d0 depending on the type of wood and finish.

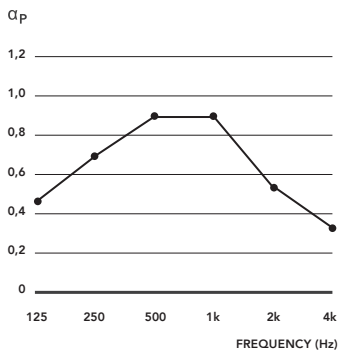
ACOUSTIC PERFORMANCE

Various items of sound absorption data (αp, αw, absorption class) have been calculated in accordance with standard ISO 11654 (Linea + acoustic complement).

LINEA 4.2.1 CEILING

+ 20 mm rockwool on E250 mm plenum

ACOUSTIC ABSORPTION RATING

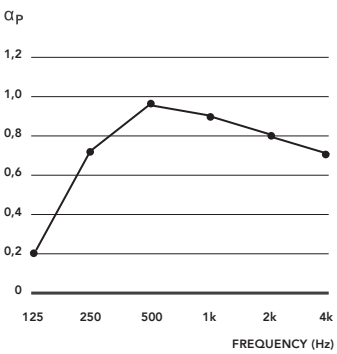


WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.55	Class D

LINEA 4.2.1 WALL

+ 20 mm rockwool on E50 mm plenum

ACOUSTIC ABSORPTION RATING

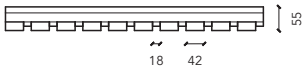


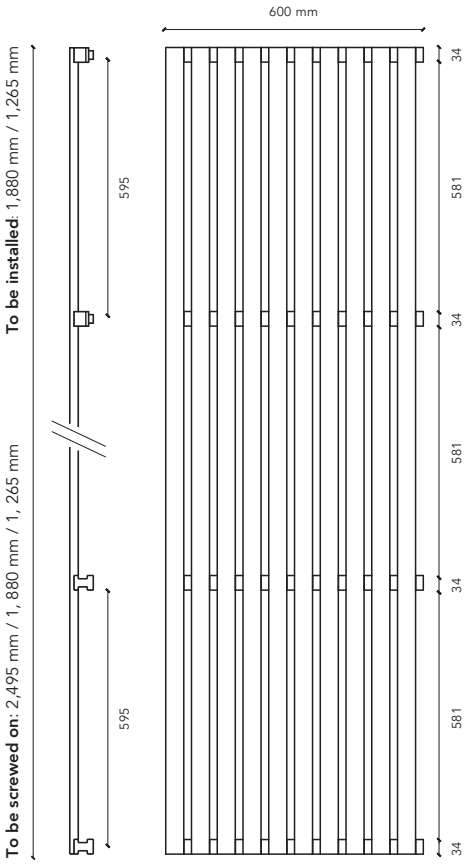
WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.85	Class B

The sound absorption has been measured in accordance with standard ISO 354.

TO BE INSTALLED

TO BE SCREWED ON





Linea 4.2.4

For suspended ceiling:

- Panel **TO BE INSTALLED** on T24 frame
- Panel **TO BE SCREWED** onto metal or wooden frame

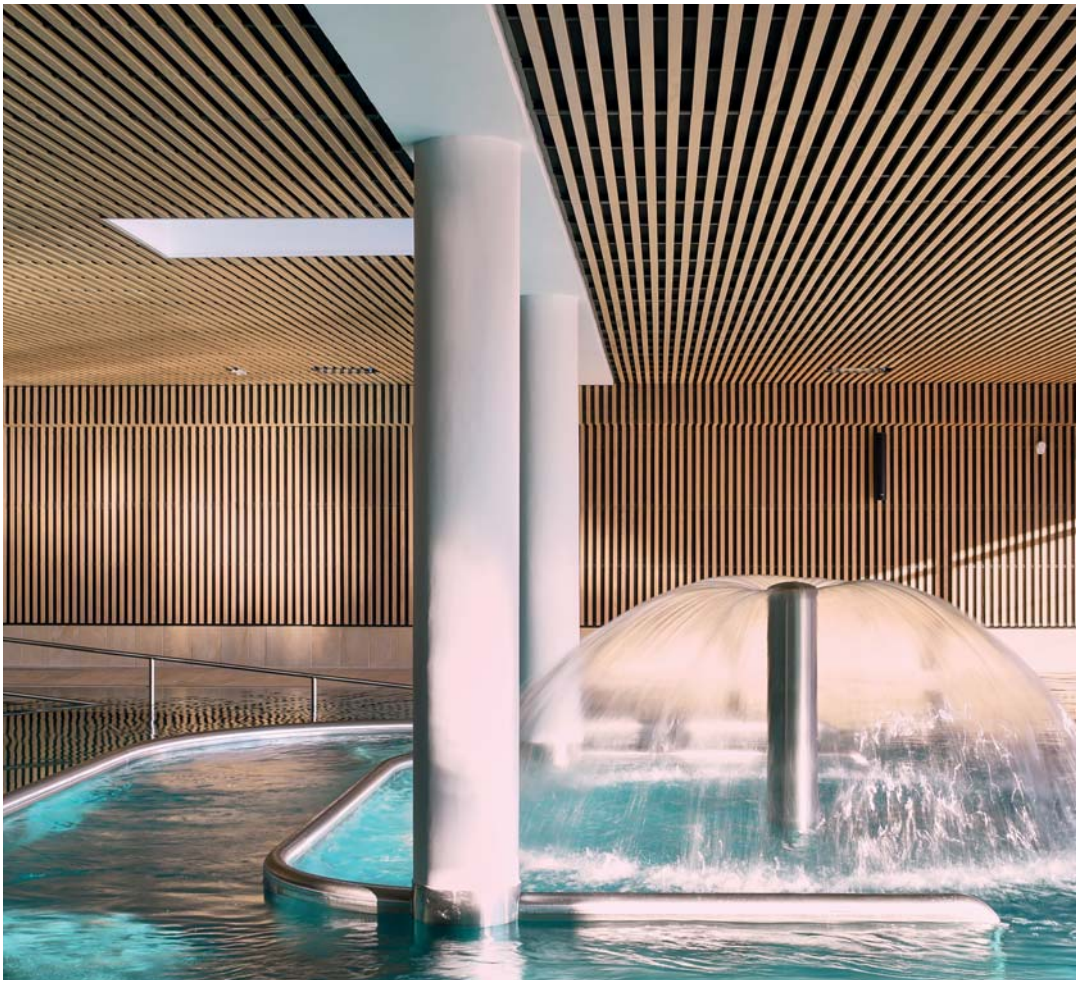
INSTALLATION:
In accordance with NF EN 13964
In accordance with DTU 58-1

For wall cladding:

- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 14915
In accordance with DTU 36-2

Mérignac aquatic stadium - Chabanne



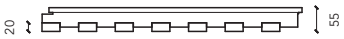
© Erick Saillet

TECHNICAL SPECIFICATIONS

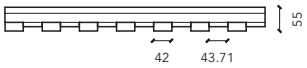
Panel dimensions	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm
Slat cross-section	42 mm (front) x 20 mm (height)
Slat spacing	43.71 mm
Centre distance of slats:	85.71 mm
Black rear counter-slats	34 x 45 mm
Total thickness	55 mm
Timber species	Silver fir, pine, oak
Area density, silver fir	6.8 kg/m²
Area density, pine	8.9 kg/m²
Area density, oak	10.3 kg/m²
Openness percentage	51%

Back: rigid acoustic rockwool tiles (2.4 kg/m²), covered with black fleece finish (size: 600 x 600 mm; thickness: 20 or 22 mm).
Not supplied by Laudescher.

TO BE INSTALLED



TO BE SCREWED ON



REACTION TO FIRE (IN ACCORDANCE WITH EN 13501-1)

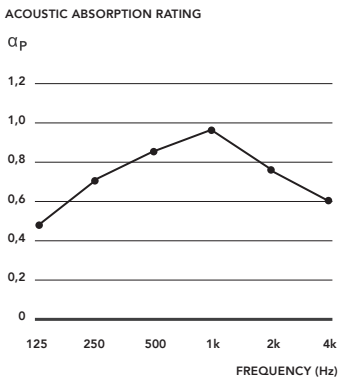
Fire-retardant, Euroclass standard B-s1, d0 or B-s2, d0 depending on the type of wood and finish.

ACOUSTIC PERFORMANCE

Various items of sound absorption data (αp, αw, absorption class) have been calculated in accordance with standard ISO 11654 (Linea + acoustic complement).

LINEA 4.2.4 CEILING

+ 20 mm rockwool on E250 mm plenum

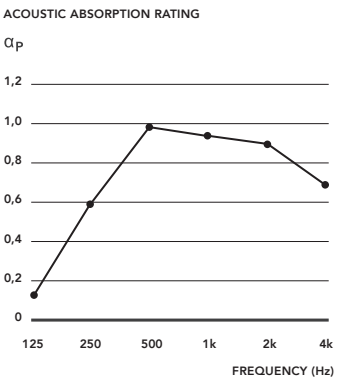


WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.75	Class C

The sound absorption has been measured in accordance with standard ISO 354.

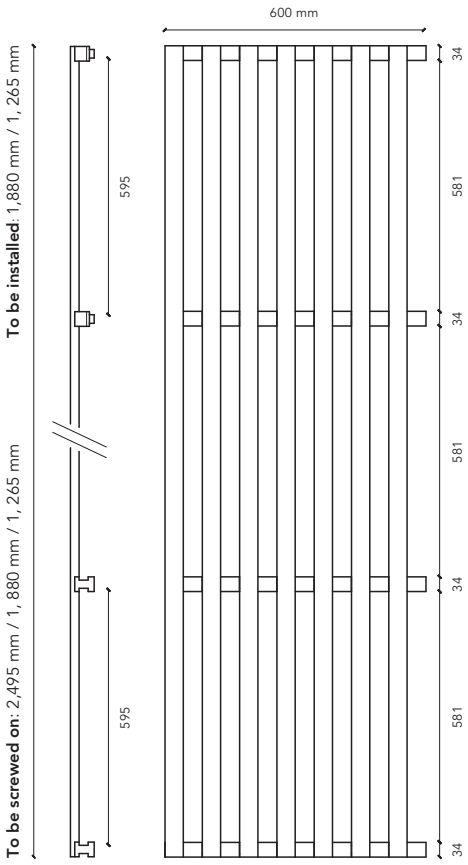
LINEA 4.2.4 WALL

+ 20 mm rockwool on plenum E50 mm



WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.85	Class B

The sound absorption has been measured in accordance with standard ISO 354.



Linea 9.2.1

For suspended ceiling:

- Panel **TO BE INSTALLED** on T24 frame
- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 13964
In accordance with DTU 58-1

For wall cladding:

- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 14915
In accordance with DTU 36-2

TECHNICAL SPECIFICATIONS

Panel dimensions	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm
Slat cross-section	42 mm (front) x 20 mm (height)
Slat spacing	10 mm
Centre distance of slats:	100 mm
Black rear counter-slats	34 x 45 mm
Total thickness	60 mm
Timber species	Silver fir, pine, oak
Area density, silver fir	11.7 kg/m²
Area density, pine	14.3 kg/m²
Area density, oak	16.8 kg/m²
Openness percentage	10%

Back: rigid acoustic rockwool tiles (2.4 kg/m²), covered with black fleece finish (size: 600 x 600 mm; thickness: 20 or 22 mm).
Not supplied by Laudescher.

REACTION TO FIRE (IN ACCORDANCE WITH EN 13501-1)

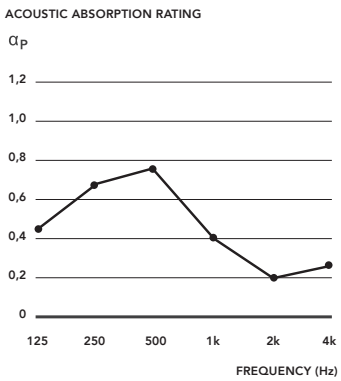
Fire-retardant, Euroclass standard B-s1, d0 or B-s2, d0 depending on the type of wood and finish.

ACOUSTIC PERFORMANCE

Various items of sound absorption data (αp, αw, absorption class) have been calculated in accordance with standard ISO 11654 (Linea + acoustic complement).

LINEA 9.2.1 CEILING

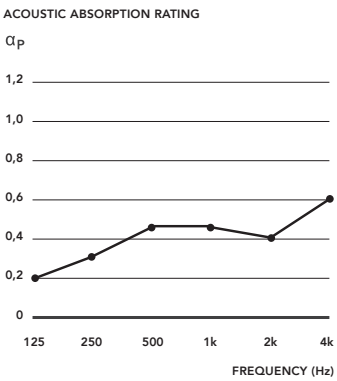
+ 20 mm rockwool on E250 mm plenum



WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.30	Class D

LINEA 9.2.1 WALL

+ 20 mm rockwool on plenum E50 mm

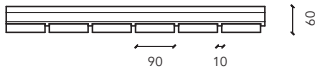


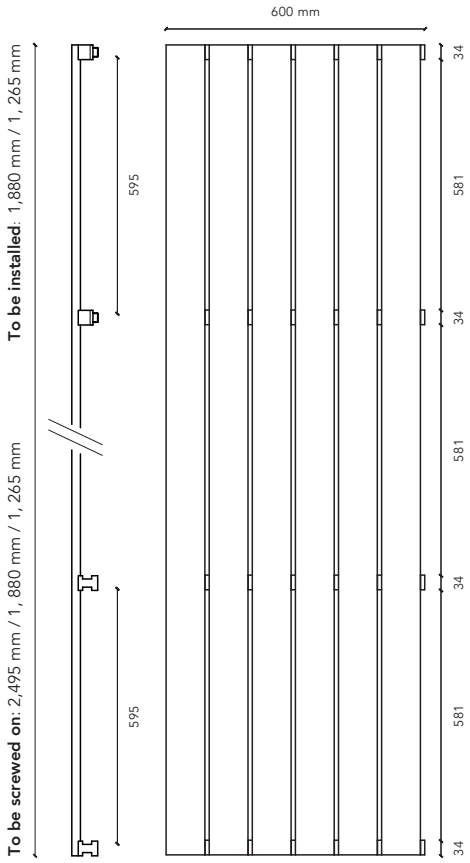
WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.20	Class E

The sound absorption has been measured in accordance with standard ISO 354.

TO BE INSTALLED

TO BE SCREWED ON





Linea 9.2.3

For suspended ceiling:

- Panel **TO BE INSTALLED** on T24 frame
- Panel **TO BE SCREWED** onto metal or wooden frame

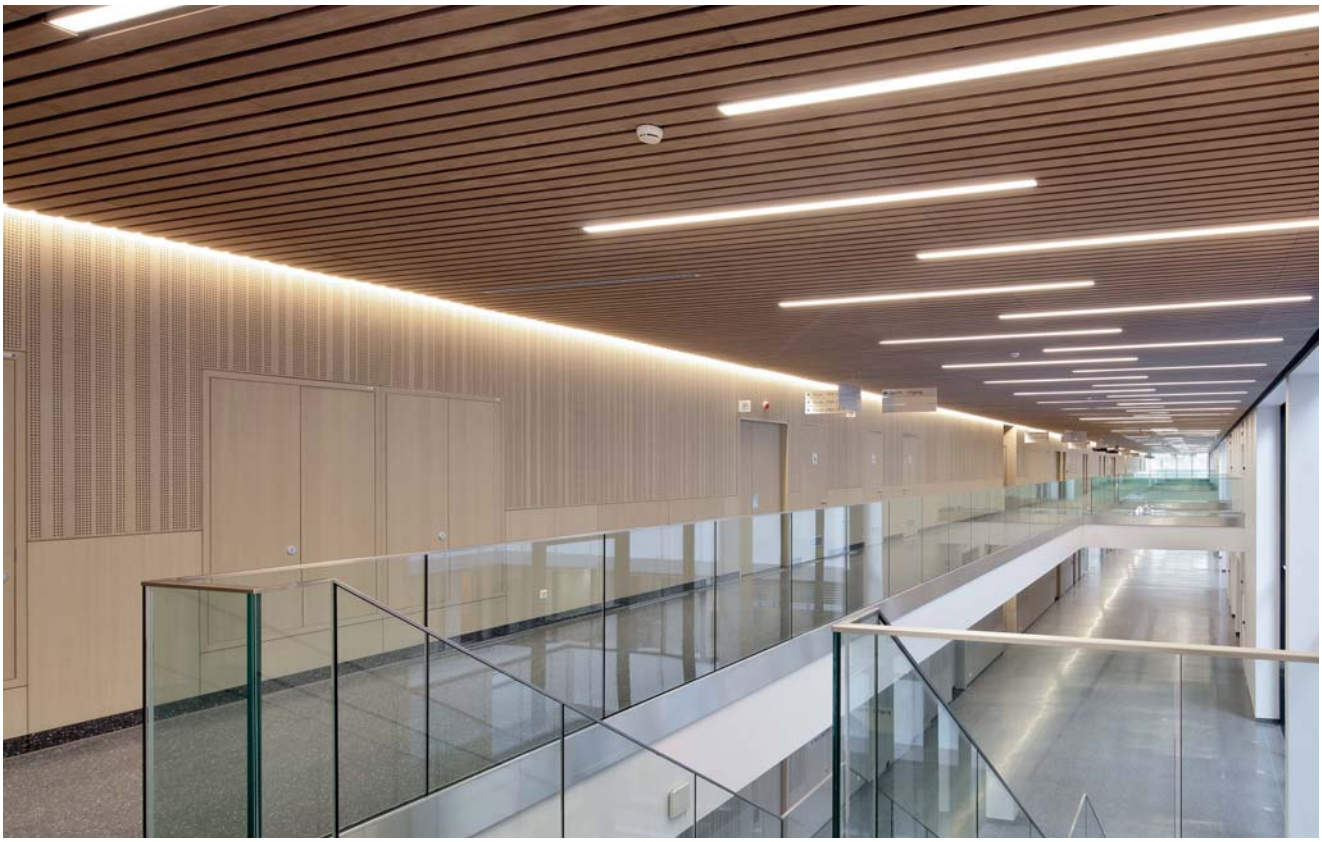
INSTALLATION:
In accordance with NF EN 13964
In accordance with DTU 58-1

For wall cladding:

- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 14915
In accordance with DTU 36-2

Jules Bordet Institute, Brussels - Brunet & Saunier/Archi 2000



© Georges De Kinder

TECHNICAL SPECIFICATIONS

Panel dimensions	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm
Slat cross-section	90 mm (front) x 20 mm (height)
Slat spacing	30 mm
Centre distance of slats:	120 mm
Black rear counter-slats	34 x 45 mm
Total thickness	55 mm
Timber species	Silver fir, pine, oak
Area density, silver fir	8.9 kg/m²
Area density, pine	12 kg/m²
Area density, oak	14.1 kg/m²
Openness percentage	25 %

Back: rigid acoustic rockwool tiles (2.4 kg/m²), covered with black fleece finish (size: 600 x 600 mm; thickness: 20 or 22 mm).
Not supplied by Laudescher.

REACTION TO FIRE (IN ACCORDANCE WITH EN 13501-1)

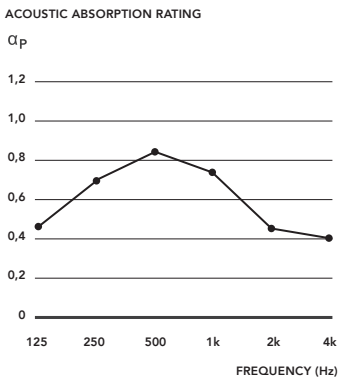
Fire-retardant, Euroclass standard B-s1, d0 or B-s2, d0 depending on the type of wood and finish.

ACOUSTIC PERFORMANCE

Various items of sound absorption data (αp, αw, absorption class) have been calculated in accordance with standard ISO 11654 (Linea + acoustic complement).

LINEA 9.2.3 CEILING

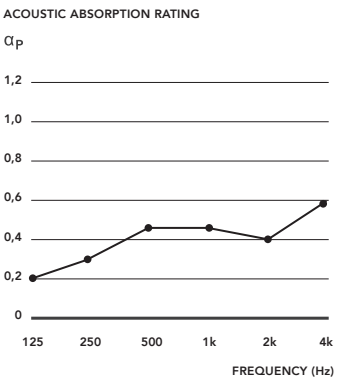
+ 20 mm rockwool on E250 mm plenum



WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.50	Class B

LINEA 9.2.3 WALL

+ 20 mm rockwool on plenum E50 mm

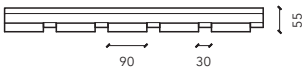


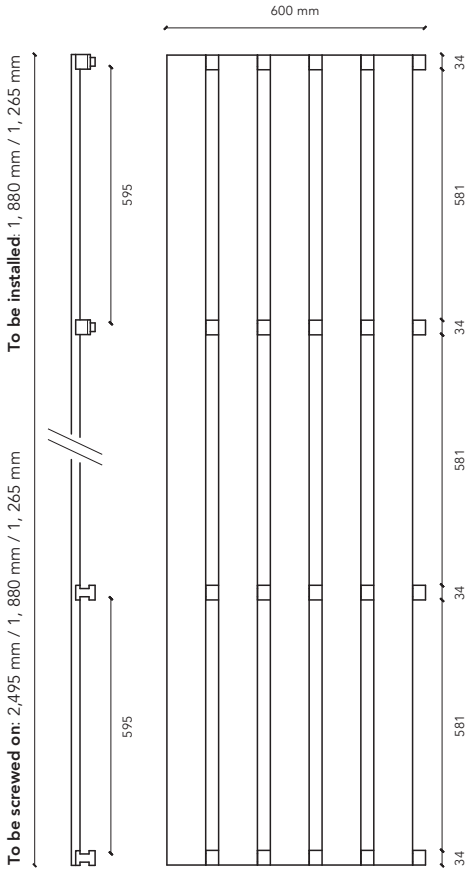
WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.50	Class D

The sound absorption has been measured in accordance with standard ISO 354.

TO BE INSTALLED

TO BE SCREWED ON





Linea 9.2.6

For suspended ceiling:

- Panel **TO BE INSTALLED** on T24 frame
- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 13964
In accordance with DTU 58-1

For wall cladding:

- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 14915
In accordance with DTU 36-2

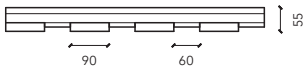
TECHNICAL SPECIFICATIONS

Panel dimensions	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm
Slat cross-section	90 mm (front) x 20 mm (height)
Slat spacing	60 mm
Centre distance of slats:	150 mm
Black rear counter-slats	34 x 45 mm
Total thickness	55 mm
Timber species	Silver fir, pine, oak
Area density, silver fir	7.4 kg/m²
Area density, pine	9.9 kg/m²
Area density, oak	11.6 kg/m²
Openness percentage	40%

Back: rigid acoustic rockwool tiles (2.4 kg/m²), covered with black fleece finish (size: 600 x 600 mm; thickness: 20 or 22 mm).
Not supplied by Laudescher.

TO BE INSTALLED

TO BE SCREWED ON



REACTION TO FIRE (IN ACCORDANCE WITH EN 13501-1)

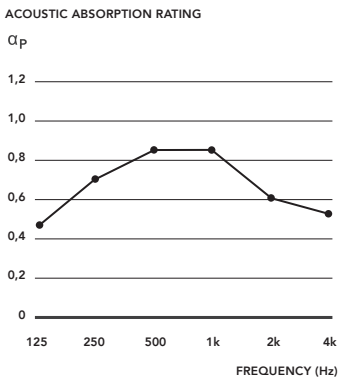
Fire-retardant, Euroclass standard B-s1, d0 or B-s2, d0 depending on the type of wood and finish.

ACOUSTIC PERFORMANCE

Various items of sound absorption data (αp, αw, absorption class) have been calculated in accordance with standard ISO 11654 (Linea + acoustic complement).

LINEA 9.2.6 CEILING

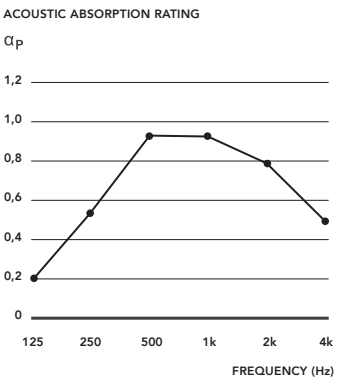
+ 20 mm rockwool on E250 mm plenum



WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.65	Class C

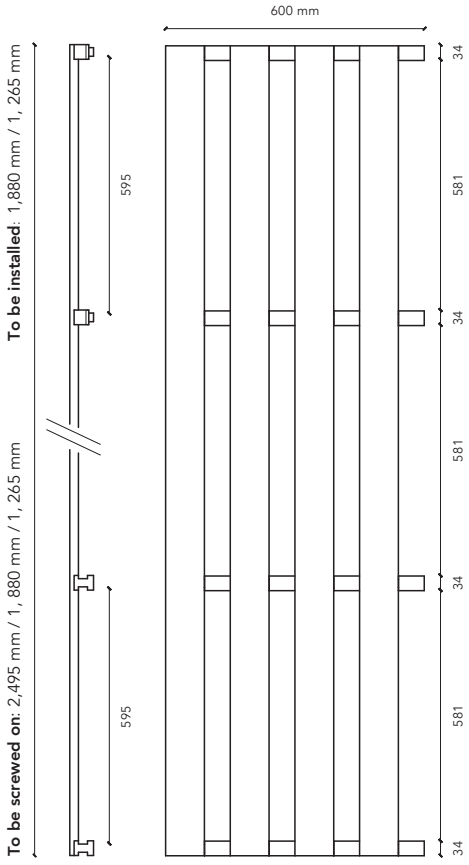
LINEA 9.2.6 WALL

+ 20 mm rockwool on plenum E50 mm



WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.70	Class C

The sound absorption has been measured in accordance with standard ISO 354.



Linea 4.2.1 Lite

For suspended ceiling:

- Panel **TO BE INSTALLED** on T24 frame
- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 13964
In accordance with DTU 58-1

For wall cladding:

- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 14915
In accordance with DTU 36-2

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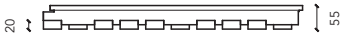
TECHNICAL SPECIFICATIONS

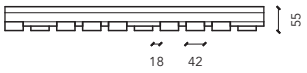
Panel dimensions	1,880 x 600 mm
Slat cross-section	42 mm (front) x 20 mm (height)
Slat spacing	18 mm
Centre distance of slats:	60 mm
Black rear counter-slats	34 x 45 mm
Total thickness	55 mm
Timber species	Silver fir, pine, oak
Area density, silver fir	6.9 kg/m²
Area density, pine	9.1 kg/m²
Area density, oak	10.6 kg/m²
Openness percentage	48 %

Back: rigid acoustic rockwool tiles (2.4 kg/m²), covered with black fleece finish (size: 600 x 600 mm; thickness: 20 or 22 mm).
Not supplied by Laudescher.

TO BE INSTALLED



TO BE SCREWED ON



REACTION TO FIRE (IN ACCORDANCE WITH EN 13501-1)

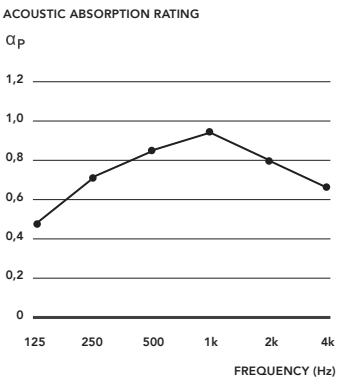
Fire-retardant, Euroclass standard B-s1, d0 or B-s2, d0 depending on the type of wood and finish.

ACOUSTIC PERFORMANCE

Various items of sound absorption data (αp, αw, absorption class) have been calculated in accordance with standard ISO 11654 (Linea + acoustic complement).

LINEA 4.2.1 LITE CEILING

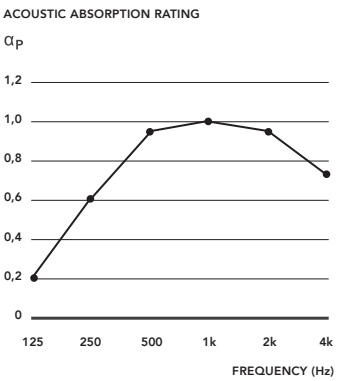
+ 20 mm rockwool on E250 mm plenum



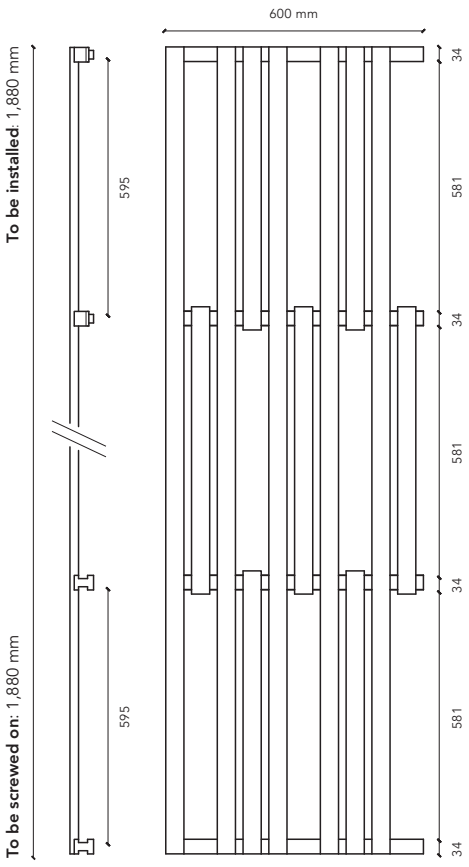
WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.80	Class B

LINEA 4.2.1 LITE WALL

+ 20 mm rockwool on plenum E50 mm



WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.85	Class B



Linea 4.2.4 Lite

For suspended ceiling:

- Panel **TO BE INSTALLED** on T24 frame
- Panel **TO BE SCREWED** onto metal or wooden frame

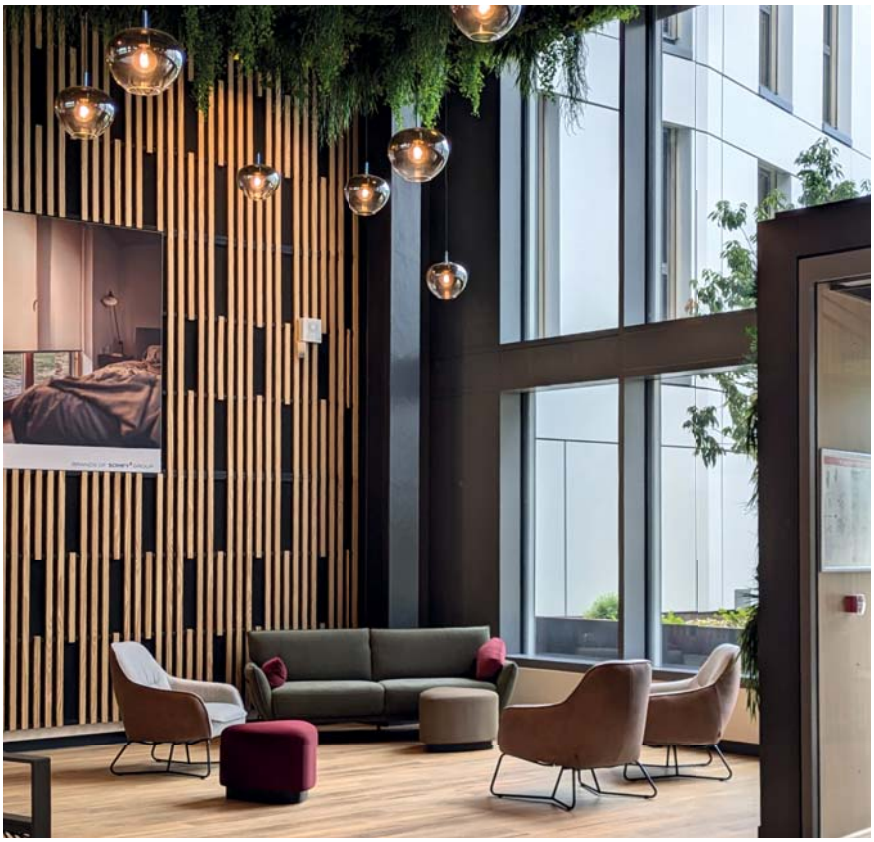
INSTALLATION:
In accordance with NF EN 13964
In accordance with DTU 58-1

For wall cladding:

- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 14915
In accordance with DTU 36-2

Somfy Group, Annecy



© Somfy

TECHNICAL SPECIFICATIONS

Panel dimensions	1,880 x 600 mm
Slat cross-section	42 mm (front) x 20 mm (height)
Slat spacing	43.71 mm
Centre distance of slats:	85.71 mm
Black rear counter-slats	34 x 45 mm
Total thickness	55 mm
Timber species	Silver fir, pine, oak
Area density, silver fir	6 kg/m²
Area density, pine	7.8 kg/m²
Area density, oak	8.9 kg/m²
Openness percentage	58 %

Back: rigid acoustic rockwool tiles (2.4 kg/m²), covered with black fleece finish (size: 600 x 600 mm; thickness: 20 or 22 mm).
Not supplied by Laudescher.

REACTION TO FIRE (IN ACCORDANCE WITH EN 13501-1)

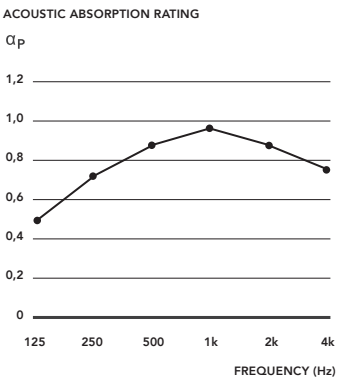
Fire-retardant, Euroclass standard B-s1, d0 or B-s2, d0 depending on the type of wood and finish.

ACOUSTIC PERFORMANCE

Various items of sound absorption data (αp, αw, absorption class) have been calculated in accordance with standard ISO 11654 (Linea + acoustic complement).

LINEA 4.2.4 LITE CEILING

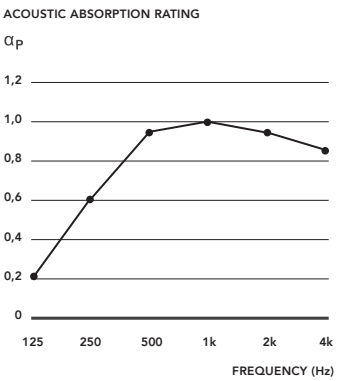
+ 20 mm rockwool on E250 mm plenum



WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.85	Class B

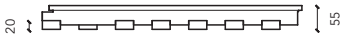
LINEA 4.2.4 LITE WALL

+ 20 mm rockwool on plenum E50 mm

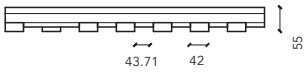


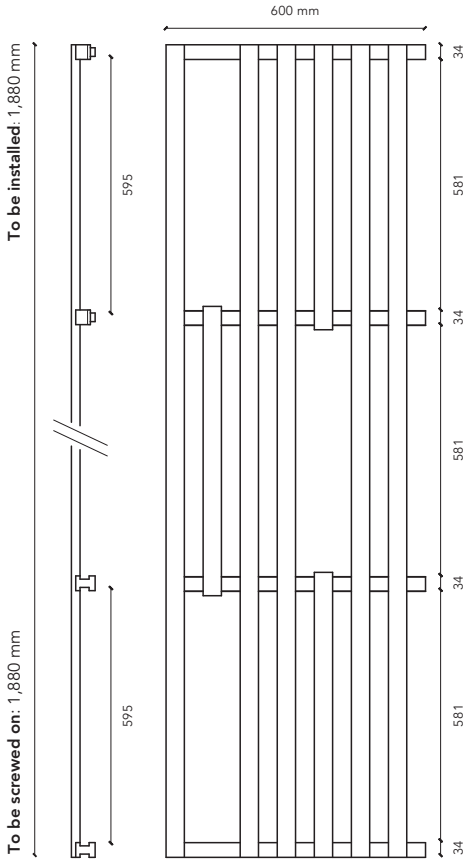
WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.90	Class A

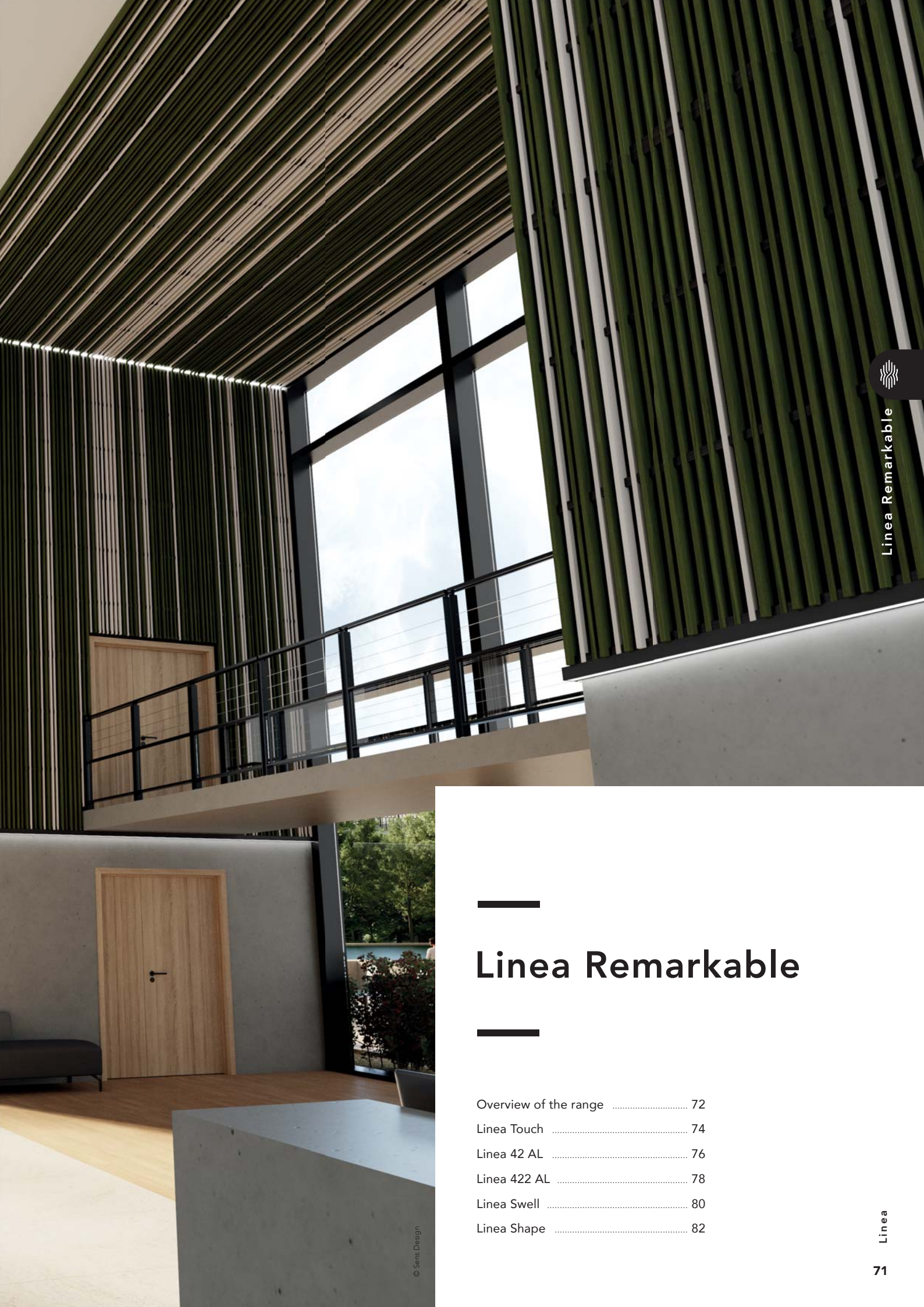
TO BE INSTALLED



TO BE SCREWED ON







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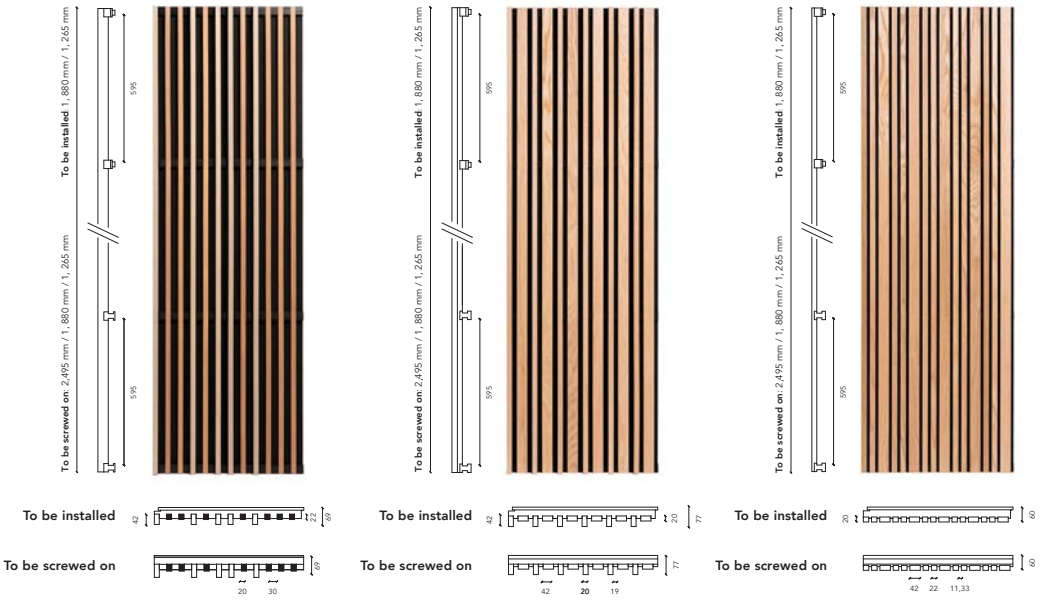
Linea Remarkable

The Linea Remarkable range



	Linea Touch	Linea 42 AL	Linea 422 AL
Number of slats	12	12	15

TECHNICAL SPECIFICATIONS

Panel dimensions	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm
Slat cross-section	20 mm (front) x 42 mm (height) or 20 mm (front) x 22 mm (height)	42 mm (front) x 20 mm (height) or 20 mm (front) x 42 mm (height)	42 mm (front) x 20 mm (height) and 22 mm (front) x 20 mm (height)
Slat spacing	30 mm	19 mm	11.33 mm
Centre distance of slats:	/	50 mm	33.33 mm and 43.33 mm
Black rear counter-slats	34 mm (front) x 42 mm (height)	34 mm (front) x 45 mm (height)	34 mm (front) x 45 mm (height)
Total thickness	69 mm	77 mm	60 mm
Timber species	Pine	Pine	Pine
Area density, pine	10.5 kg/m²	13.7 kg/m²	12 kg/m²
Area density, oak	/	/	/
Openness percentage	60%	38%	28%

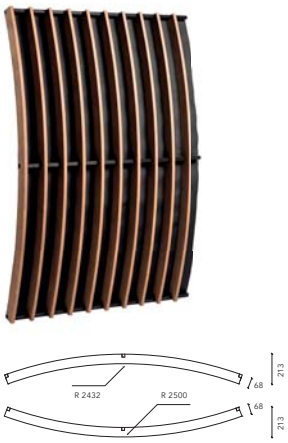
FINISH / REACTION TO FIRE (IN ACCORDANCE WITH EN 13501-1)

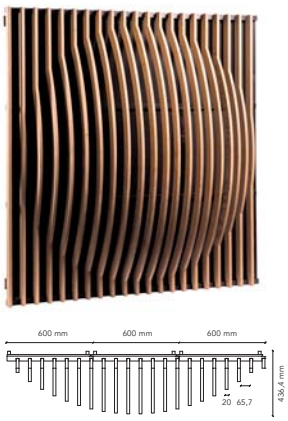
Fire-retardant (depending on type of wood and finish)	B-s1, d0 or B-s2, d0	B-s1, d0 or B-s2, d0	B-s1, d0 or B-s2, d0

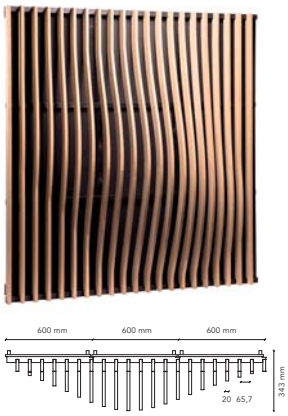
ACOUSTIC PERFORMANCE

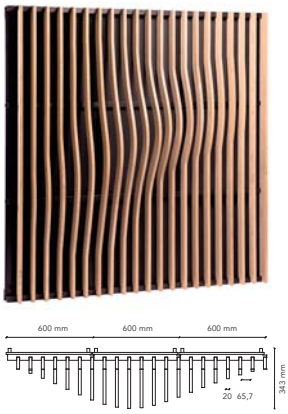
Ceiling	Weighted index	/	$\alpha_w = 0.65$	$\alpha_w = 0.50$
	Absorption class	/	Class C	Class D
Wall	Weighted index	$\alpha_w = 0.80$	$\alpha_w = 0.75$	$\alpha_w = 0.55$
	Absorption class	Class B	Class C	Class D

*** The sound absorption of these products has been measured in accordance with standard ISO 354.**









	Linea Swell	Linea Shape 1	Linea Shape 2	Linea Shape 3
	10	21	21	21
	1,700 x 1,200 mm	1,880 x 1,800 mm i.e. 3 panels measuring 1,880 x 600 mm	1,880 x 1,800 mm i.e. 3 panels measuring 1,880 x 600 mm	1,880 x 1,800 mm i.e. 3 panels measuring 1,880 x 600 mm
	20 mm (front) x 68 mm (height)	20 mm (front) x 68 mm (height)	20 mm (front) x 68 mm (height)	20 mm (front) x 68 mm (height)
	100 mm	65.71 mm	65.71 mm	65.71 mm
	120 mm	85.71 mm	85.71 mm	85.71 mm
	20 mm (front) x 42 mm (height)	34 mm (front) x 45 mm (height)	34 mm (front) x 45 mm (height)	34 mm (front) x 45 mm (height)
	68 mm	Depending on module	Depending on module	Depending on module
	Slatted pine, slatted finger-jointed oak	Slatted pine, slatted finger-jointed oak	Slatted pine, slatted finger-jointed oak	Slatted pine, slatted finger-jointed oak
	7.9 kg/m²	13.7 kg/m²	13.7 kg/m²	13.7 kg/m²
	9.1 kg/m²	15.5 kg/m²	15.5 kg/m²	15.5 kg/m²
	83%	77%	77%	77%
	B-s2, d0	B-s1, d0 or B-s2, d0	B-s1, d0 or B-s2, d0	B-s1, d0 or B-s2, d0
	α_w = 0.95*	α_w = 0.80	α_w = 0.80	α_w = 0.80
	Class A	Class B	Class B	Class B
	/	/	/	/
	/	/	/	/

Linea Touch

For suspended ceiling:

- Panel **TO BE INSTALLED** on T24 frame
- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 13964
In accordance with DTU 58-1

For wall cladding:

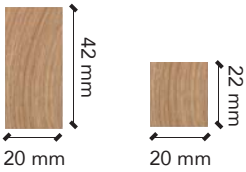
- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 14915
In accordance with DTU 36-2

CREATE A UNIQUE DESIGN

Linea Touch is a range of customisable panels slat by slat.

2 slat sections



1 type of wood: *pine*
8 wax colour finishes *(colour chart, p.110)*

ONLINE CONFIGURATOR

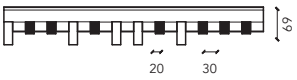
TECHNICAL SPECIFICATIONS

Panel dimensions	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm
Slat spacing	30 mm
Black rear counter-slats	34 x 45 mm
Total thickness	69 mm
Timber species	Pine
Area density, pine	10.5 kg/m²
Openness percentage	60%

Back: rigid acoustic rockwool tiles (2.4 kg/m²), covered with black fleece finish (size: 600 x 600 mm; thickness: 20 or 22 mm).
Not supplied by Laudescher.

TO BE INSTALLED

TO BE SCREWED ON



REACTION TO FIRE (IN ACCORDANCE WITH EN 13501-1)

Fire-retardant, Euroclass standard B-s1, d0 or B-s2, d0 depending on the type of wood and finish.

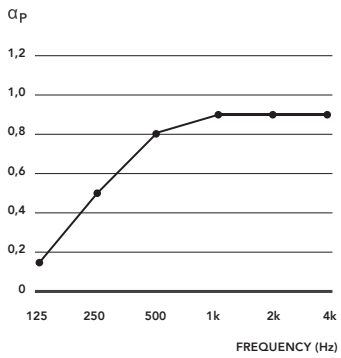
ACOUSTIC PERFORMANCE

Various items of sound absorption data (αp, αw, absorption class) have been calculated in accordance with standard ISO 11654 (Linea + acoustic complement).

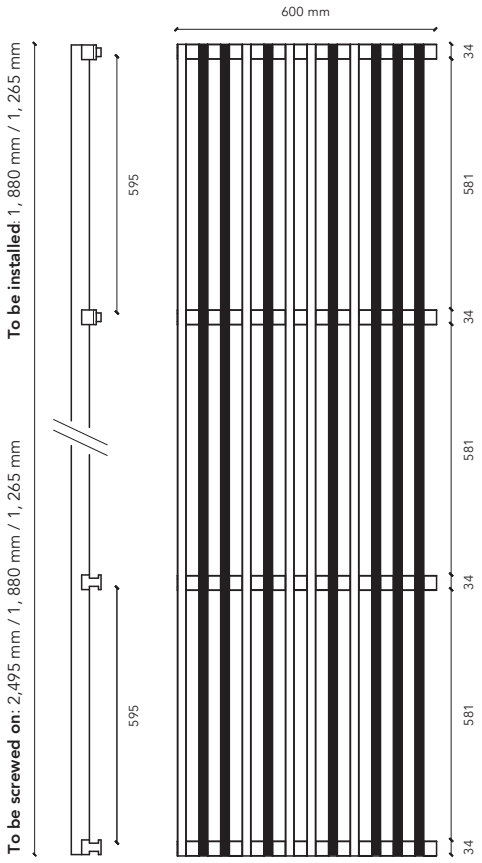
LINEA TOUCH WALL

+ 20 mm rockwool on E50 mm plenum

ACOUSTIC ABSORPTION RATING



WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.80	Class B



Linea 42 AL

For suspended ceiling:

- Panel **TO BE INSTALLED** on T24 frame
- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 13964
In accordance with DTU 58-1

For wall cladding:

- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 14915
In accordance with DTU 36-2

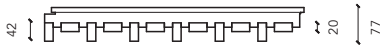
© Sens Design

TECHNICAL SPECIFICATIONS

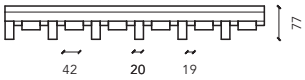
Panel dimensions	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm
Slat cross-section	42 mm (front) x 20 mm (height) 20 mm (front) x 42 mm (height)
Slat spacing	19 mm
Centre distance of slats:	50 mm
Black rear counter-slats	34 x 45 mm
Total thickness	77 mm
Timber species	Pine
Area density, pine	13.7 kg/m²
Openness percentage	38%

Back: rigid acoustic rockwool tiles (2.4 kg/m²), covered with black fleece finish (size: 600 x 600 mm; thickness: 20 or 22 mm).
Not supplied by Laudescher.

TO BE INSTALLED



TO BE SCREWED ON



REACTION TO FIRE (IN ACCORDANCE WITH EN 13501-1)

Fire-retardant, Euroclass standard B-s1, d0 or B-s2, d0 depending on the type of wood and finish.

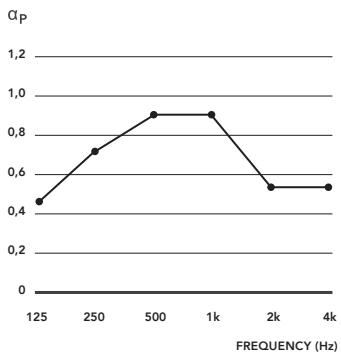
ACOUSTIC PERFORMANCE

Various items of sound absorption data (αp, αw, absorption class) have been calculated in accordance with standard ISO 11654 (Linea + acoustic complement).

LINEA 42 AL CEILING

+ 20 mm rockwool on E250 mm plenum

ACOUSTIC ABSORPTION RATING

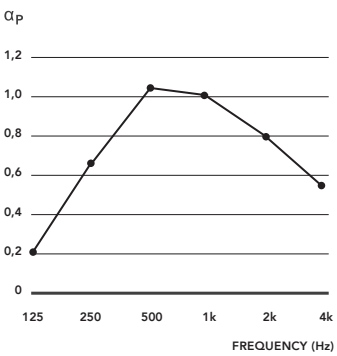


WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.65	Class C

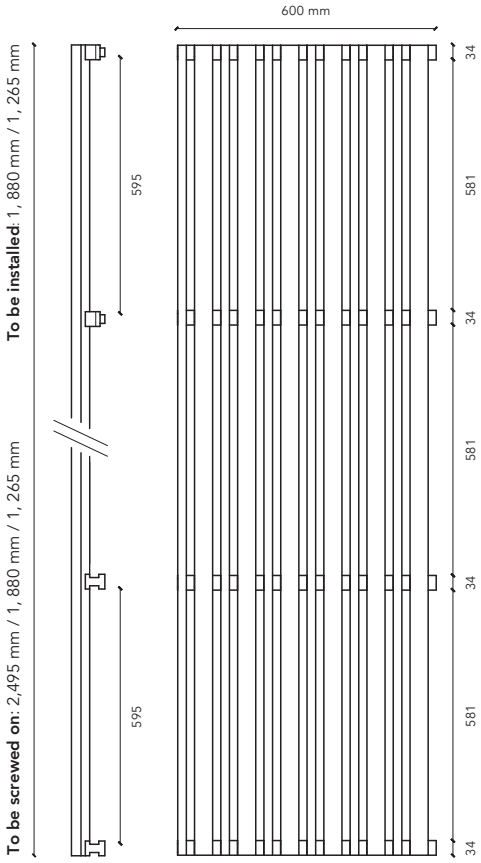
LINEA 42 AL WALL

+ 20 mm rockwool on plenum E50 mm

ACOUSTIC ABSORPTION RATING



WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.75	Class C



Linea 422 AL

For suspended ceiling:

- Panel **TO BE INSTALLED** on T24 frame
- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 13964
In accordance with DTU 58-1

For wall cladding:

- Panel **TO BE SCREWED** onto metal or wooden frame

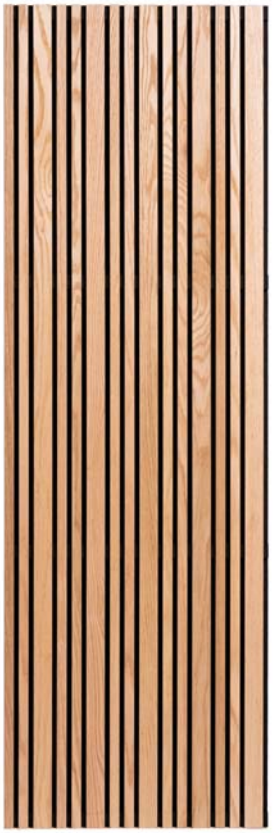
INSTALLATION:
In accordance with NF EN 14915
In accordance with DTU 36-2

© Sens Design

TECHNICAL SPECIFICATIONS

Panel dimensions	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm
Slat cross-section	42 mm (front) x 20 mm (height) 22 mm (front) x 20 mm (height)
Slat spacing	11.33 mm
Centre distance of slats:	33.33 mm and 43.33 mm
Black rear counter-slats	34 x 45 mm
Total thickness	60 mm
Timber species	Pine
Area density, pine	11.9 kg/m²
Openness percentage	28%

Back: rigid acoustic rockwool tiles (2.4 kg/m²), covered with black fleece finish (size: 600 x 600 mm; thickness: 20 or 22 mm).
Not supplied by Laudescher.



REACTION TO FIRE (IN ACCORDANCE WITH EN 13501-1)

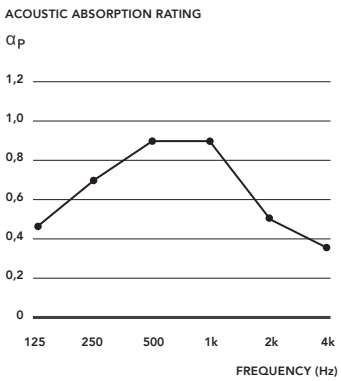
Fire-retardant, Euroclass standard B-s1, d0 or B-s2, d0 depending on the type of wood and finish.

ACOUSTIC PERFORMANCE

Various items of sound absorption data (αp, αw, absorption class) have been calculated in accordance with standard ISO 11654 (Linea + acoustic complement).

LINEA 422 AL CEILING

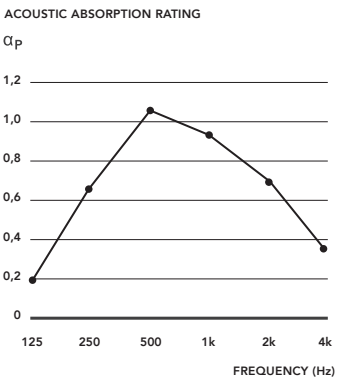
+ 20 mm rockwool on E250 mm plenum



WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.50	Class D

LINEA 422 AL WALL

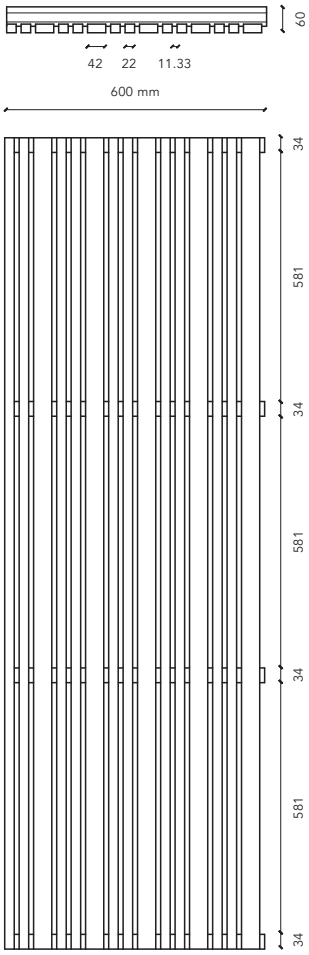
+ 20 mm rockwool on plenum E50 mm



WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.55	Class D

TO BE INSTALLED

TO BE SCREWED ON

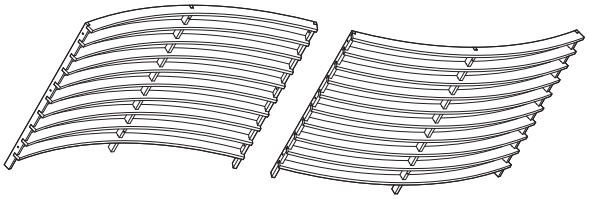


Linea Swell

For suspended ceiling:

- Panel **TO BE MOUNTED**
by means of suspension from threaded rods

INSTALLATION:
In accordance with NF EN 13964
In accordance with DTU 58-1



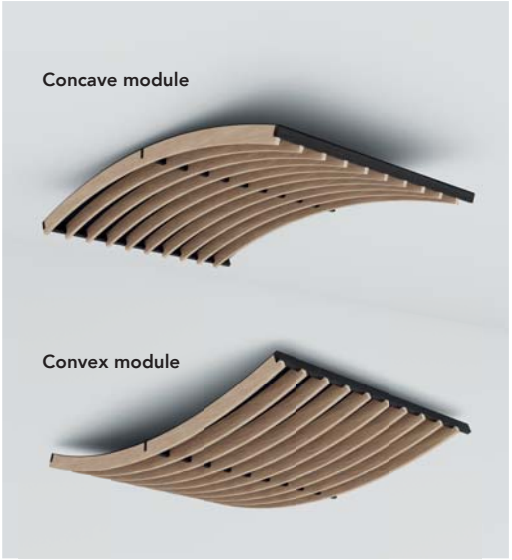
Concave and convex modules can be combined
to form undulations.

© Sens Design

TECHNICAL SPECIFICATIONS

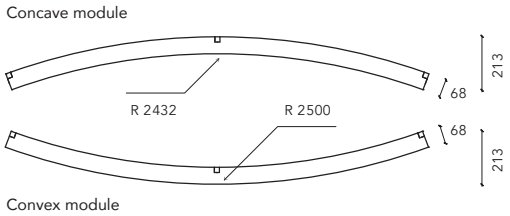
Panel dimensions	1,720 x 1,200 mm
Slat cross-section	20 mm (front) x 68 mm (height)
Slat spacing	100 mm
Centre distance of slats:	120 mm
Black rear counter-slats	20 x 42 mm
Total thickness	68 mm
Timber species	Slatted pine, slatted finger-jointed oak
Area density, pine	7.9 kg/m²
Area density, oak	9.1 kg/m²
Openness percentage	83%

Rear: LAU 301 fabric
Acoustic version with LAU 301 fabric and 45 mm thick rockwool
Rockwool not supplied by Laudescher



REACTION TO FIRE (IN ACCORDANCE WITH EN 13501-1)

Fire-retardant, Euroclass standard B-s1, d0 or B-s2, d0 depending on the type of wood and finish.

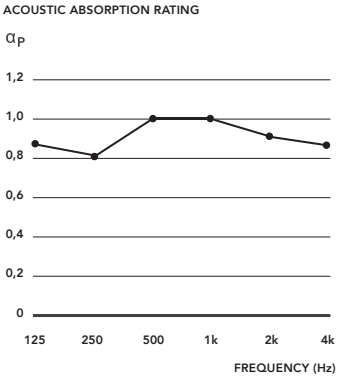


ACOUSTIC PERFORMANCE

Various items of sound absorption data (αp, αw, absorption class) have been calculated in accordance with standard ISO 11654 (Linea + acoustic complement).

LINEA SWELL CEILING

+ LAU 301 **+ LR 45 mm**
on E400 mm plenum

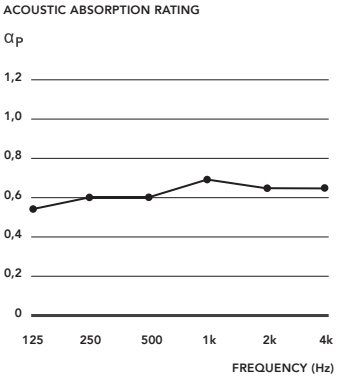


WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.95	Class A

The sound absorption has been measured in accordance with standard ISO 354.

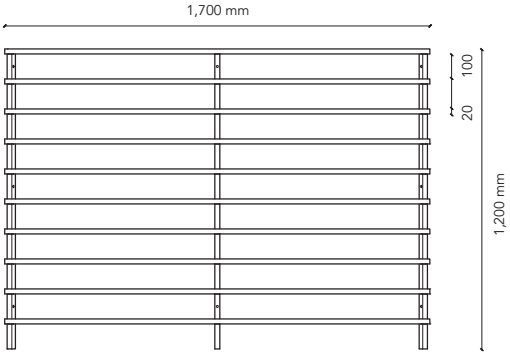
LINEA SWELL CEILING

+ LAU 301
on E400 mm plenum

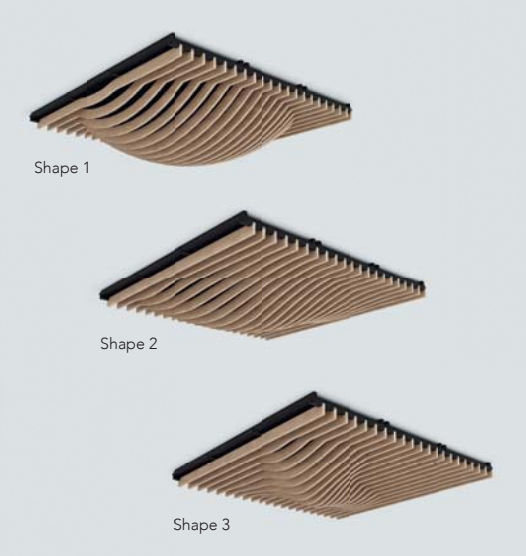


WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.65	Class C

The sound absorption has been measured in accordance with standard ISO 354.



Linea Shape



For suspended ceiling:

- Panel **TO BE INSTALLED** on T24 frame

INSTALLATION:
In accordance with NF EN 13964
In accordance with DTU 58-1

Icade Pulse, Ile de France - BFV

© Alfred Cromback

SHAPE 1

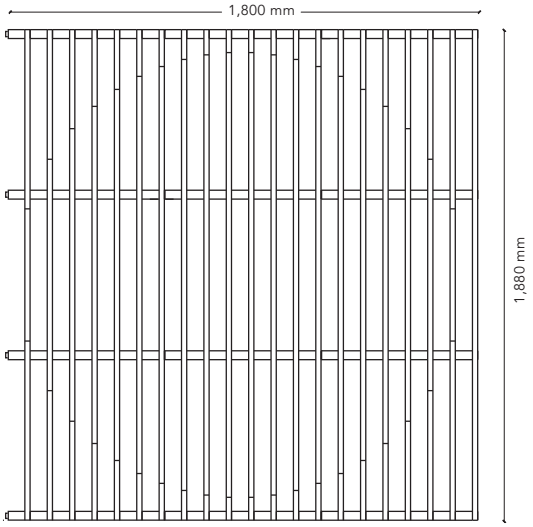
SHAPE 2

SHAPE 3

TECHNICAL SPECIFICATIONS

Module dimensions	1,880 x 1,800 mm I.e. 3 panels measuring 1,880 x 600 mm
Slat cross-section	20 mm (front) x 68 mm (height)
Slat spacing	65.71 mm
Centre distance of slats:	85.71 mm
Black rear counter-slats	34 x 45 mm
Total thickness	Depending on module
Timber species	Slatted pine, slatted finger-jointed oak
Area density, pine	13.7 kg/m²
Area density, oak	15.5 kg/m²
Openness percentage	77%

Back: rigid acoustic rockwool tiles (2.4 kg/m²), covered with black fleece finish (size: 600 x 600 mm; thickness: 20 or 22 mm).
Not supplied by Laudescher.



REACTION TO FIRE (IN ACCORDANCE WITH EN 13501-1)

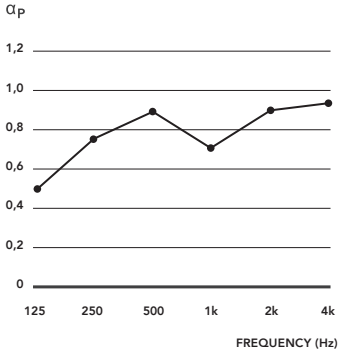
Fire-retardant, Euroclass standard B-s1, d0 or B-s2, d0 depending on the type of wood and finish.

ACOUSTIC PERFORMANCE

Various items of sound absorption data (αp, αw, absorption class) have been calculated in accordance with standard ISO 11654 (Linea + acoustic complement).

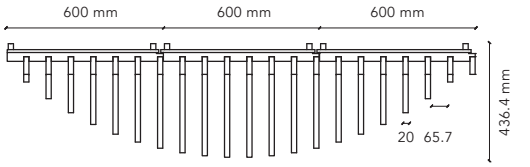
LINEA SHAPE CEILING + 20 mm rock on E250 mm plenum

ACOUSTIC ABSORPTION RATING

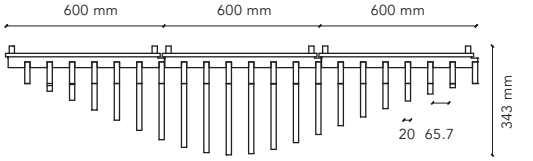


WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.80	Class B

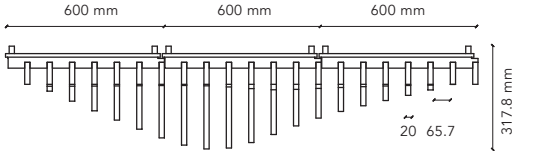
SHAPE 1



SHAPE 2

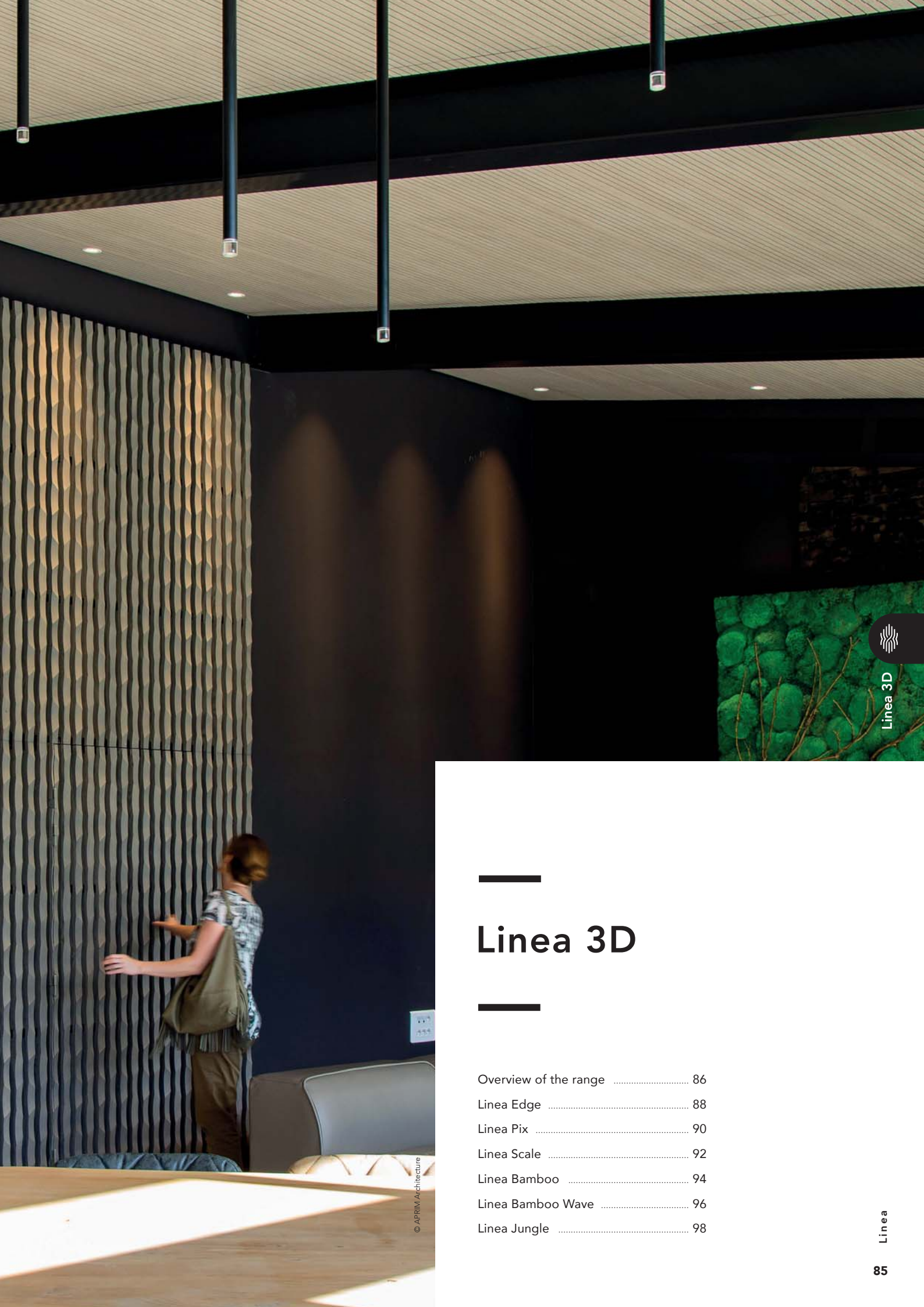


SHAPE 3



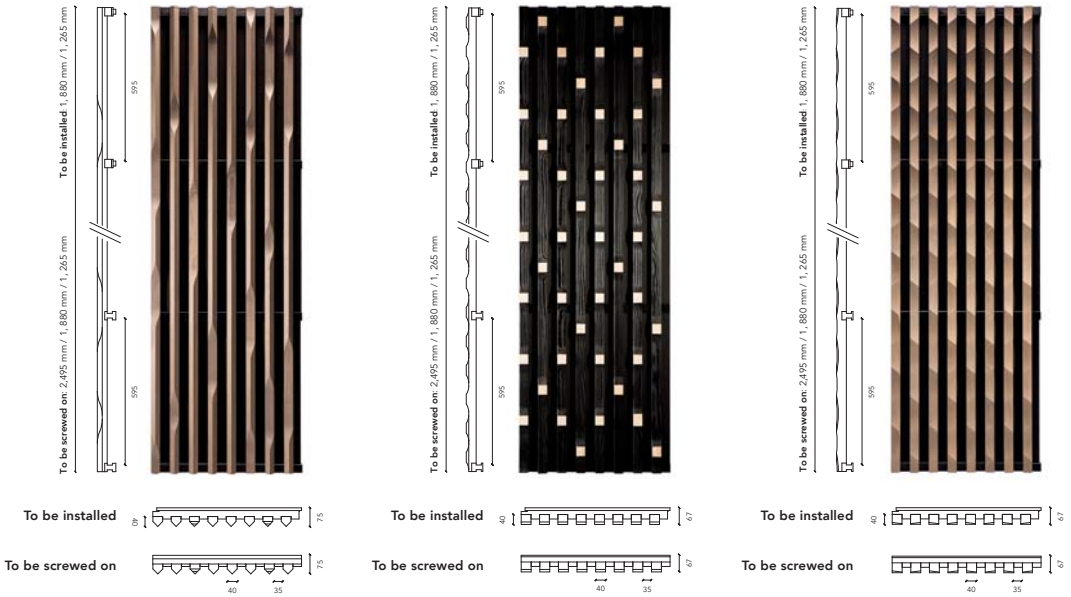
Champagne Vilmart house

Product: Linea Scale, timber species: pine, finish: grey wax color
Architect: APRIM Architecture



Linea 3D

The Linea 3D range



	Linea Edge	Linea Pix	Linea Scale
Number of slats	8	8	8

TECHNICAL SPECIFICATIONS

Panel dimensions	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm
Slat cross-section	40 mm (front) x 40 mm (height)	40 mm (front) x 40 mm (height)	40 mm (front) x 40 mm (height)
Slat spacing	35 mm	35 mm	35 mm
Centre distance of slats:	75 mm	75 mm	75 mm
Black rear counter-slats	34 mm (front) x 45 mm (height)	34 mm (front) x 45 mm (height)	34 mm (front) x 45 mm (height)
Total thickness	75 mm	67 mm	67 mm
Timber species	Pine, oak	Pine, oak	Pine, oak
Area density (pine)	10.6 kg/m²	11.7 kg/m²	13.2 kg/m²
Area density (oak)	12.2 kg/m²	13.5 kg/m²	15.2 kg/m²
Openness percentage	47%	47%	47%

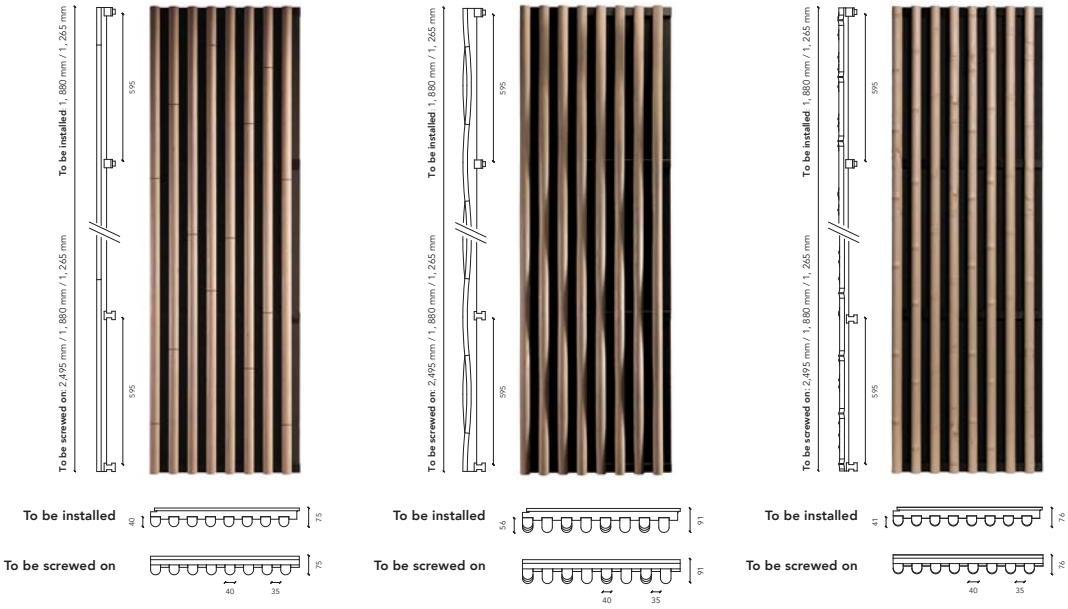
FINISH / REACTION TO FIRE (IN ACCORDANCE WITH EN 13501-1)

Fire-retardant (depending on type of wood and finish)	B-s1, d0 or B-s2, d0	B-s1, d0 or B-s2, d0	B-s1, d0 or B-s2, d0

ACOUSTIC PERFORMANCE

Ceiling	Weighted index	α_W = 0.70	α_W = 0.75	α_W = 0.75
	Absorption class	Class C	Class C	Class C
Wall	Weighted index	α_W = 0.80	α_W = 0.85	**α_W = 0.80***
	Absorption class	Class B	Class B	**Class B**

*** The sound absorption of these products has been measured in accordance with standard ISO 354.**



	Linea Bamboo	Linea Bamboo Wave	Linea Jungle
	8	8	8
	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm
	40 mm (front) x 40 mm (height)	40 mm (front) x 56 mm (height)	40 mm (front) x 41 mm (height)
	35 mm	35 mm	35 mm
	75 mm	75 mm	75 mm
	34 mm (front) x 45 mm (height)	34 mm (front) x 45 mm (height)	34 mm (front) x 45 mm (height)
	75 mm	91 mm	76 mm
	Pine, oak	Pine, oak	Pine, oak
	13.2 kg/m²	15.9 kg/m²	12.5 kg/m²
	15.2 kg/m²	18.3 kg/m²	14.4 kg/m²
	47%	47%	47%
	B-s1, d0 or B-s2, d0	B-s1, d0 or B-s2, d0	B-s1, d0 or B-s2, d0
	α_W = 0.70	α_W = 0.65	α_W = 0.70
	Class C	Class C	Class C
	α_W = 0.85	α_W = 0.85	α_W = 0.85
	Class B	Class B	Class B

Linea Edge

For suspended ceiling:

- Panel **TO BE INSTALLED** on T24 frame
- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 13964
In accordance with DTU 58-1

For wall cladding:

- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 14915
In accordance with DTU 36-2

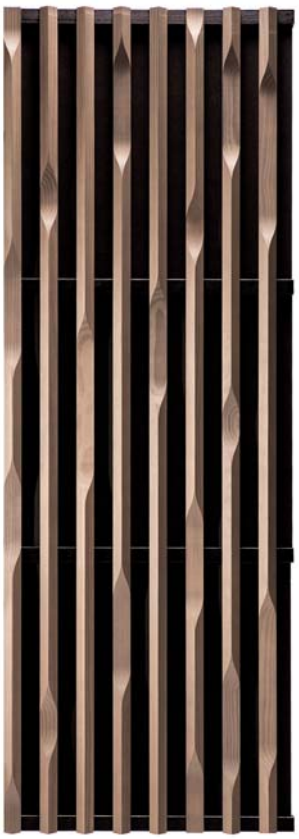
Jules Bordet Institute, Brussels - Brunet & Saunier/Archi 2000

© Georges De Kinder

TECHNICAL SPECIFICATIONS

Panel dimensions	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1265 x 600 mm
Slat cross-section	40 mm (front) x 40 mm (height)
Slat spacing	35 mm
Centre distance of slats:	75 mm
Black rear counter-slats	34 x 45 mm
Total thickness	75 mm
Timber species	Pine, oak
Area density, pine	10.6 kg/m²
Area density, oak	12.2 kg/m²
Openness percentage	47%

Back: rigid acoustic rockwool tiles (2.4 kg/m²), covered with black fleece finish (size: 600 x 600 mm; thickness: 20 or 22 mm).
Not supplied by Laudescher.



REACTION TO FIRE (IN ACCORDANCE WITH EN 13501-1)

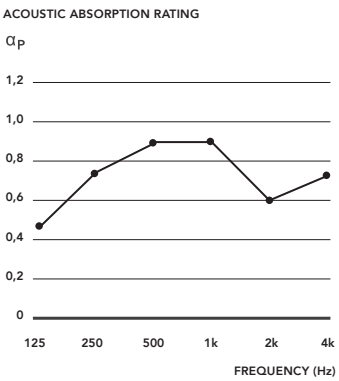
Fire-retardant, Euroclass standard B-s1, d0 or B-s2, d0 depending on the type of wood and finish.

ACOUSTIC PERFORMANCE

Various items of sound absorption data (αp, αw, absorption class) have been calculated in accordance with standard ISO 11654 (Linea + acoustic complement).

LINEA EDGE CEILING

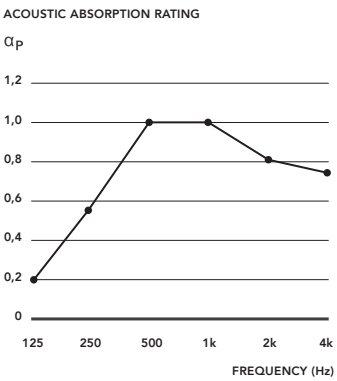
+ 20 mm rockwool on E250 mm plenum



WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.70	Class C

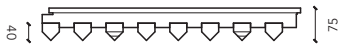
LINEA EDGE WALL

+ 20 mm rockwool on plenum E50 mm

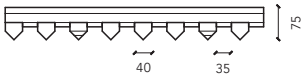


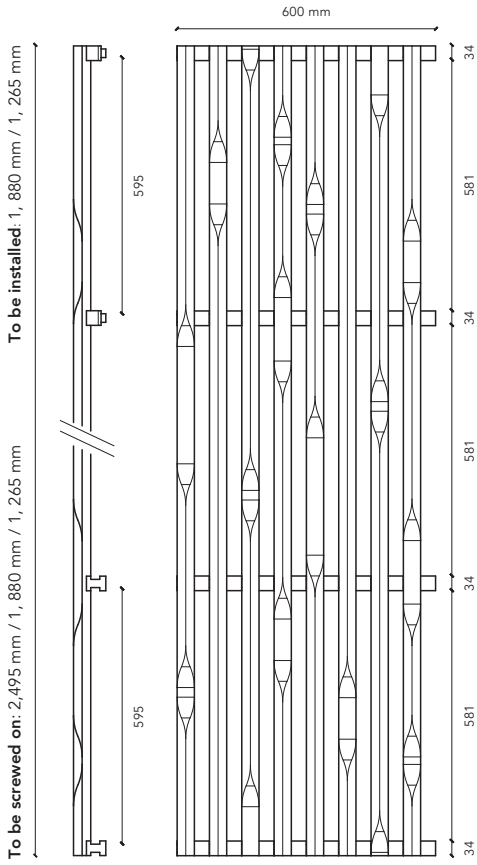
WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.80	Class B

TO BE INSTALLED



TO BE SCREWED ON





Linea Pix

For suspended ceiling:

- Panel **TO BE INSTALLED** on T24 frame
- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 13964
In accordance with DTU 58-1

For wall cladding:

- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 14915
In accordance with DTU 36-2

Claracq Gallo-Roman Museum - DESPRE Architectes

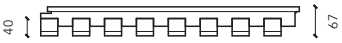
© Xavier Dumoulin

TECHNICAL SPECIFICATIONS

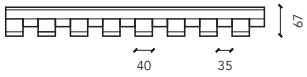
Panel dimensions	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1265 x 600 mm
Slat cross-section	40 mm (front) x 40 mm (height)
Slat spacing	35 mm
Centre distance of slats:	75 mm
Black rear counter-slats	34 x 45 mm
Total thickness	67 mm
Timber species	Pine, oak
Area density, pine	11.7 kg/m²
Area density, oak	13.5 kg/m²
Openness percentage	47%

Back: rigid acoustic rockwool tiles (2.4 kg/m²), covered with black fleece finish (size: 600 x 600 mm; thickness: 20 or 22 mm).
Not supplied by Laudescher.

TO BE INSTALLED



TO BE SCREWED ON



REACTION TO FIRE (IN ACCORDANCE WITH EN 13501-1)

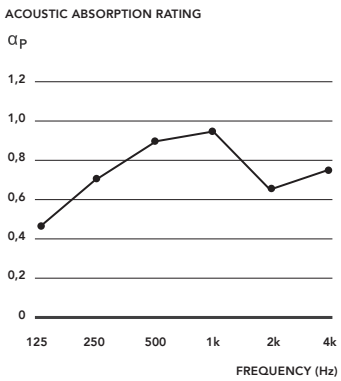
Fire-retardant, Euroclass standard B-s1, d0 or B-s2, d0 depending on the type of wood and finish.

ACOUSTIC PERFORMANCE

Various items of sound absorption data (αp, αw, absorption class) have been calculated in accordance with standard ISO 11654 (Linea + acoustic complement).

LINEA PIX CEILING

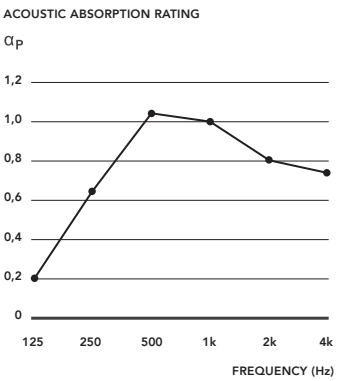
+ 20 mm rockwool on E250 mm plenum



WEIGHTED INDEX:	ABSORPTION CLASS:
$\alpha_w = 0.75$	Class C

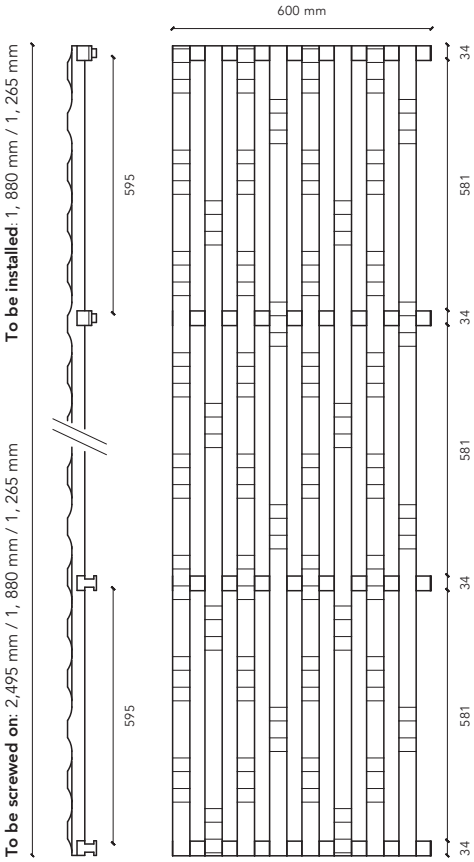
LINEA PIX WALL

+ 20 mm rockwool on E50 mm plenum



WEIGHTED INDEX:	ABSORPTION CLASS:
$\alpha_w = 0.85$	Class B

The sound absorption has been measured in accordance with standard ISO 354.



Linea Scale

For suspended ceiling:

- Panel **TO BE INSTALLED** on T24 frame
- Panel **TO BE SCREWED** onto metal or wooden frame

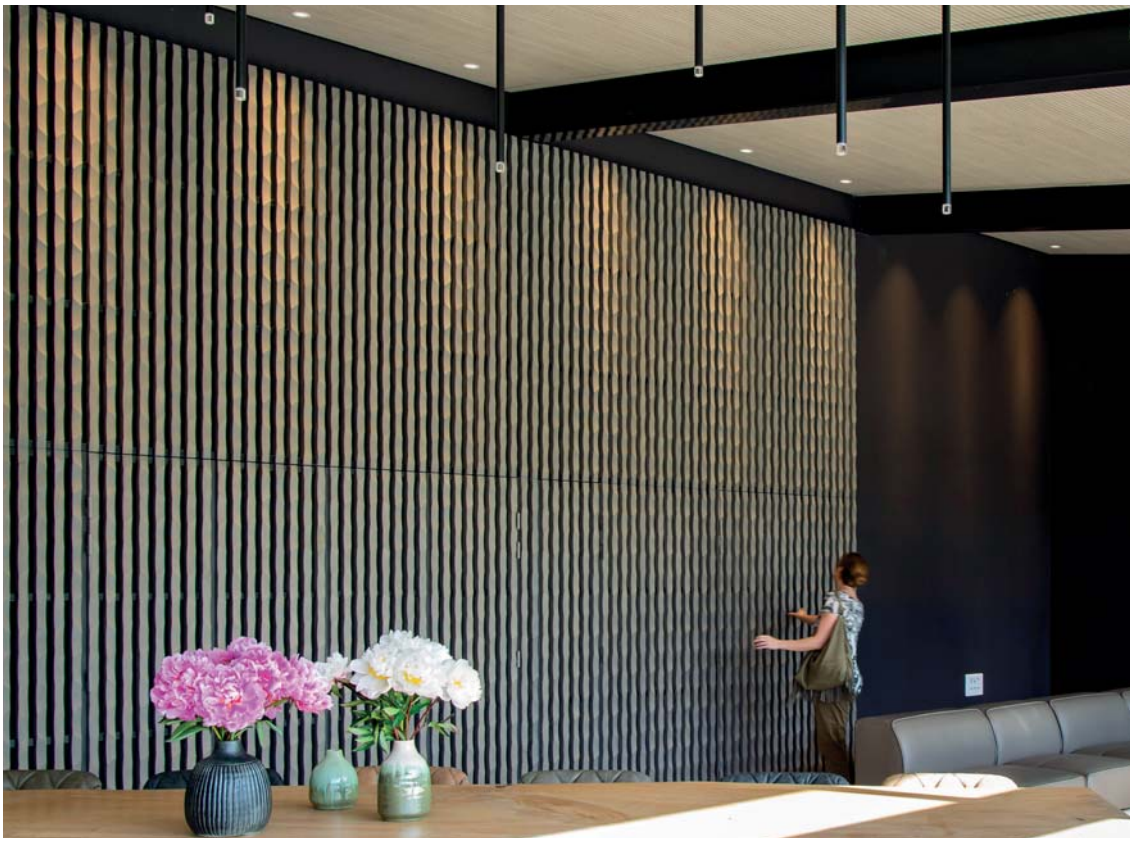
INSTALLATION:
In accordance with NF EN 13964
In accordance with DTU 58-1

For wall cladding:

- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 14915
In accordance with DTU 36-2

Champagne Vilmart house - APRIM Architecture



© APRIM Architecture

TECHNICAL SPECIFICATIONS

Panel dimensions	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1265 x 600 mm
Slat cross-section	40 mm (front) x 40 mm (height)
Slat spacing	35 mm
Centre distance of slats:	75 mm
Black rear counter-slats	34 x 45 mm
Total thickness	67 mm
Timber species	Pine, oak
Area density, pine	13.2 kg/m²
Area density, oak	15.2 kg/m²
Openness percentage	47%

Back: rigid acoustic rockwool tiles (2.4 kg/m²), covered with black fleece finish (size: 600 x 600 mm; thickness: 20 or 22 mm).
Not supplied by Laudescher.

REACTION TO FIRE (IN ACCORDANCE WITH EN 13501-1)

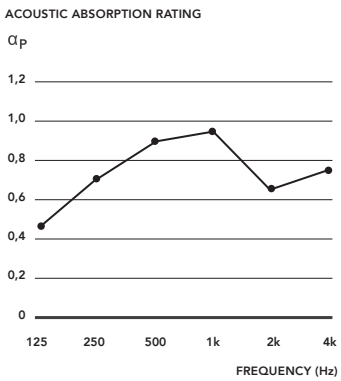
Fire-retardant, Euroclass standard B-s1, d0 or B-s2, d0 depending on the type of wood and finish.

ACOUSTIC PERFORMANCE

Various items of sound absorption data (αp, αw, absorption class) have been calculated in accordance with standard ISO 11654 (Linea + acoustic complement).

LINEA SCALE CEILING

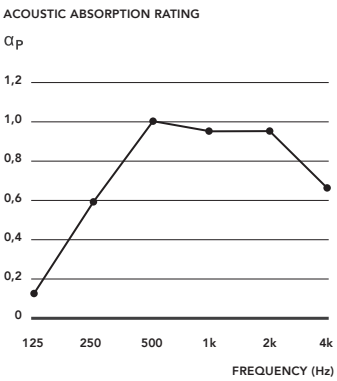
+ 20 mm rockwool on E250 mm plenum



WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.75	Class C

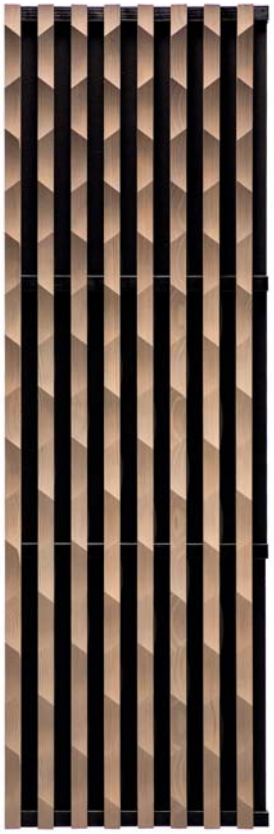
LINEA SCALE WALL

+ 20 mm rockwool on E50 mm plenum

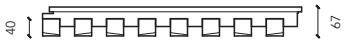


WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.80	Class B

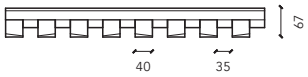
The sound absorption has been measured in accordance with standard ISO 354.

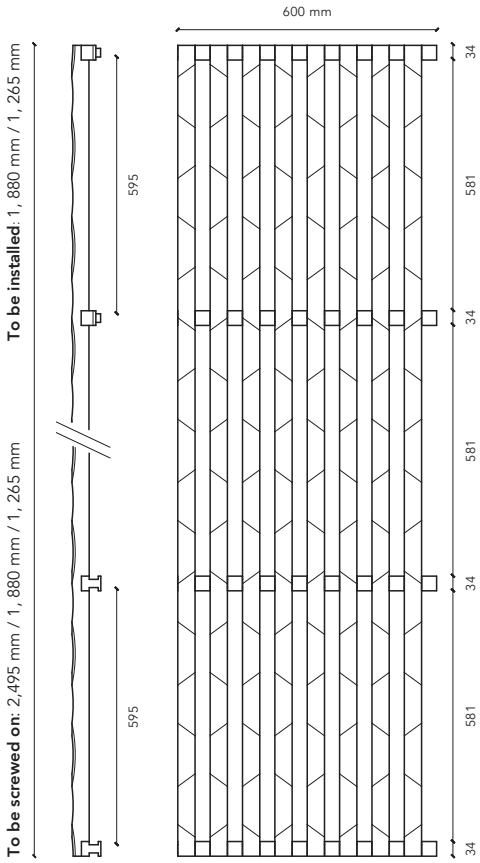


TO BE INSTALLED

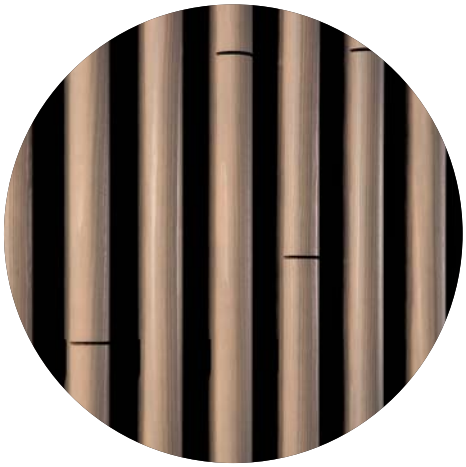


TO BE SCREWED ON





Linea Bamboo



For suspended ceiling:

- Panel **TO BE INSTALLED** on T24 frame
- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 13964
In accordance with DTU 58-1

For wall cladding:

- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 14915
In accordance with DTU 36-2

© Woodlabo

TECHNICAL SPECIFICATIONS

Panel dimensions	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1,265 x 600 mm
Slat cross-section	40 mm (front) x 40 mm (height)
Slat spacing	35 mm
Centre distance of slats:	75 mm
Black rear counter-slats	34 x 45 mm
Total thickness	75 mm
Timber species	Pine, oak
Area density, pine	13.2 kg/m²
Area density, oak	15.2 kg/m²
Openness percentage	47%

Back: rigid acoustic rockwool tiles (2.4 kg/m²), covered with black fleece finish (size: 600 x 600 mm; thickness: 20 or 22 mm).
Not supplied by Laudescher.

REACTION TO FIRE (IN ACCORDANCE WITH EN 13501-1)

Fire-retardant, Euroclass standard B-s1, d0 or B-s2, d0 depending on the type of wood and finish.

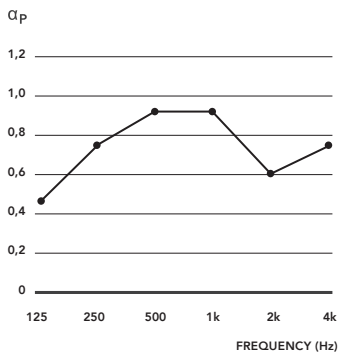
ACOUSTIC PERFORMANCE

Various items of sound absorption data (αp, αw, absorption class) have been calculated in accordance with standard ISO 11654 (Linea + acoustic complement).

LINEA BAMBOO CEILING

+ 20 mm rockwool on E250 mm plenum

ACOUSTIC ABSORPTION RATING

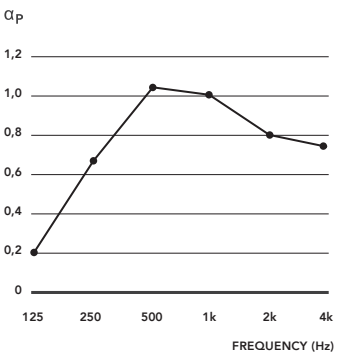


WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.70	Class C

LINEA BAMBOO WALL

+ 20 mm rockwool on E50 mm plenum

ACOUSTIC ABSORPTION RATING

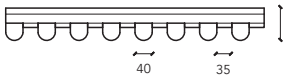


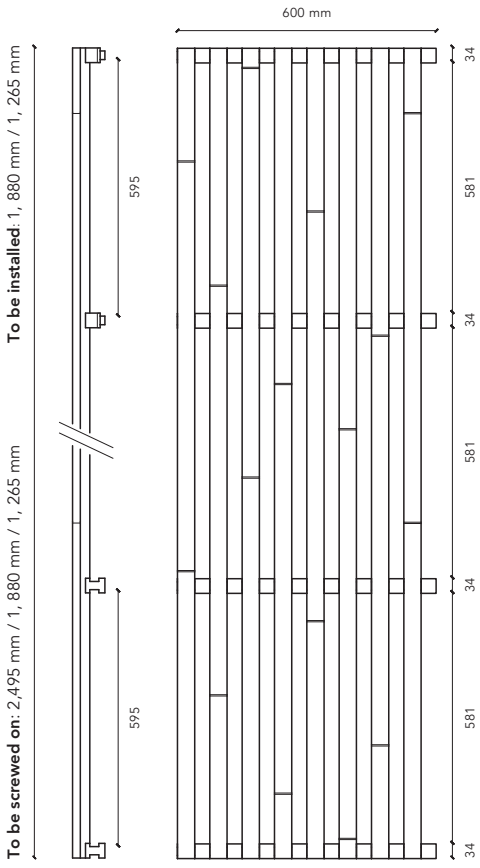
WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.85	Class B

The sound absorption has been measured in accordance with standard ISO 354.

TO BE INSTALLED

TO BE SCREWED ON





Linea Bamboo Wave

For suspended ceiling:

- Panel **TO BE INSTALLED** on T24 frame
- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 13964
In accordance with DTU 58-1

For wall cladding:

- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 14915
In accordance with DTU 36-2

© Sens Design

TECHNICAL SPECIFICATIONS

Panel dimensions	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1265 x 600 mm
Slat cross-section	40 mm (front) x 56 mm (height)
Slat spacing	35 mm
Centre distance of slats:	75 mm
Black rear counter-slats	34 x 45 mm
Total thickness	91 mm
Timber species	Pine, oak
Area density, pine	15.9 kg/m²
Area density, oak	18.3 kg/m²
Openness percentage	47%

Back: rigid acoustic rockwool tiles (2.4 kg/m²), covered with black fleece finish (size: 600 x 600 mm; thickness: 20 or 22 mm).
Not supplied by Laudescher.

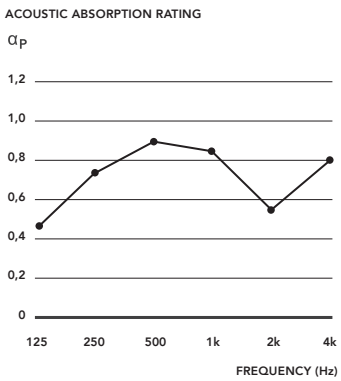
REACTION TO FIRE (IN ACCORDANCE WITH EN 13501-1)

Fire-retardant, Euroclass standard B-s1, d0 or B-s2, d0 depending on the type of wood and finish.

ACOUSTIC PERFORMANCE

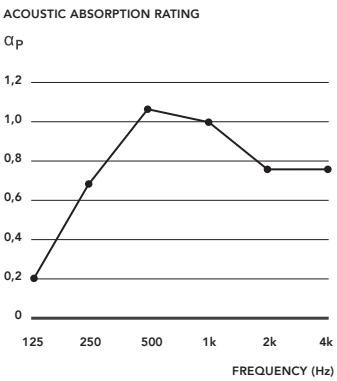
Various items of sound absorption data (αp, αw, absorption class) have been calculated in accordance with standard ISO 11654 (Linea + acoustic complement).

LINEA BAMBOO WAVE CEILING
+ 20 mm rockwool on E250 mm plenum



WEIGHTED INDEX:	ABSORPTION CLASS:
$\alpha_w = 0.65$	Class C

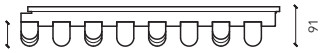
LINEA BAMBOO WAVE WALL
+ 20 mm rockwool on E50 mm plenum



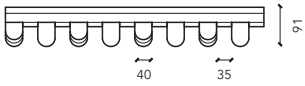
WEIGHTED INDEX:	ABSORPTION CLASS:
$\alpha_w = 0.85$	Class B

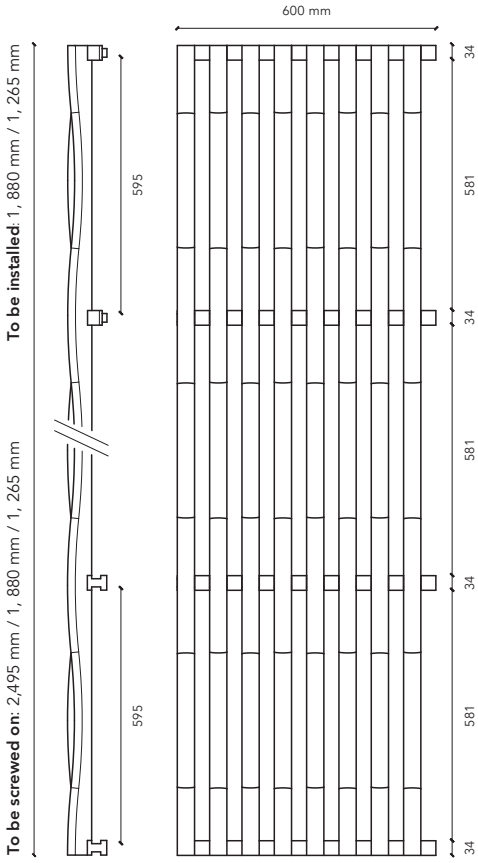
The sound absorption has been measured in accordance with standard ISO 354.

TO BE INSTALLED



TO BE SCREWED ON





Linea Jungle

For suspended ceiling:

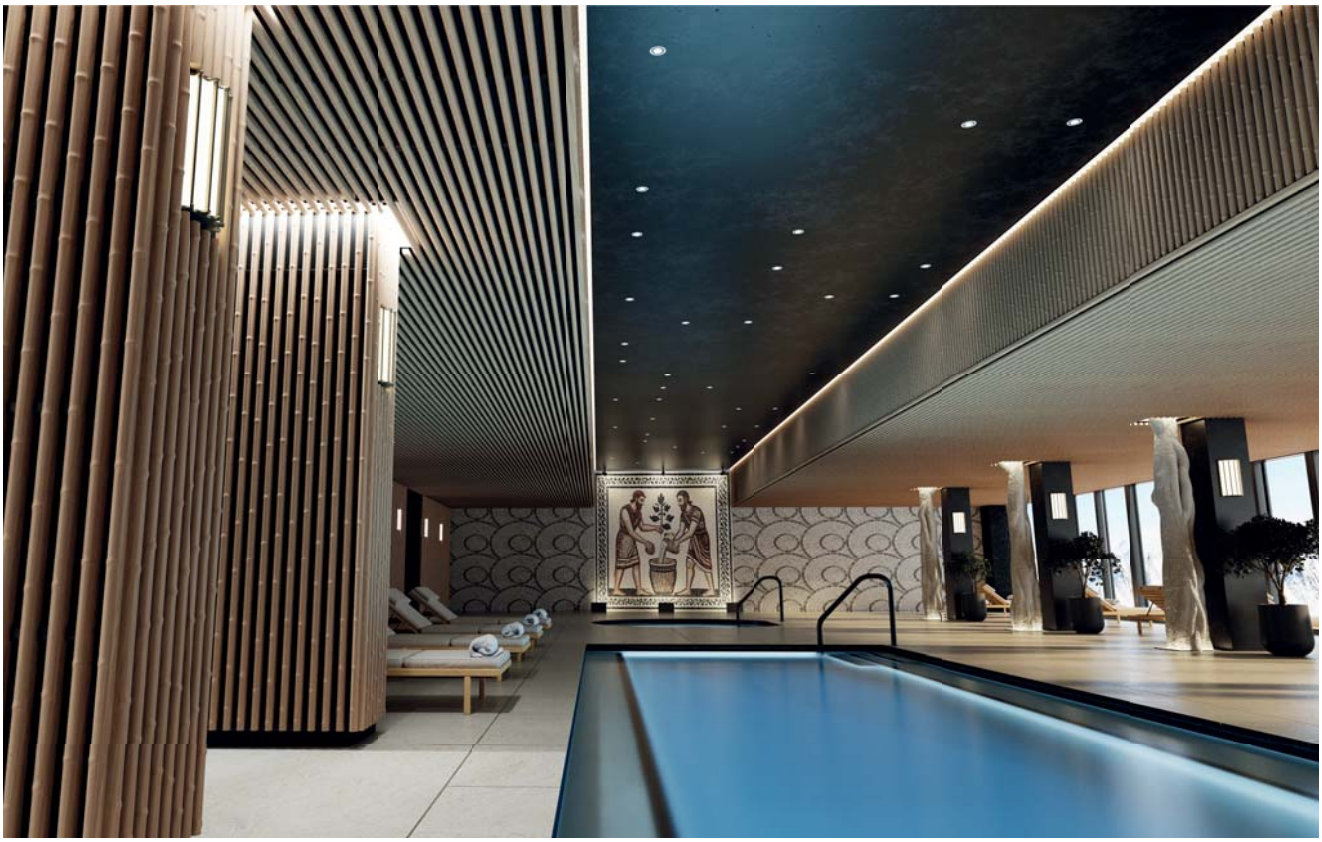
- Panel **TO BE INSTALLED** on T24 frame
- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 13964
In accordance with DTU 58-1

For wall cladding:

- Panel **TO BE SCREWED** onto metal or wooden frame

INSTALLATION:
In accordance with NF EN 14915
In accordance with DTU 36-2



© Sens Design

TECHNICAL SPECIFICATIONS

Panel dimensions	2,495 x 600 mm (screw-on only) 1,880 x 600 mm 1265 x 600 mm
Slat cross-section	40 mm (front) x 41 mm (height)
Slat spacing	35 mm
Centre distance of slats:	75 mm
Black rear counter-slats	34 x 45 mm
Total thickness	76 mm
Timber species	Pine, oak
Area density, pine	12.5 kg/m²
Area density, oak	14.4 kg/m²
Openness percentage	47%

Back: rigid acoustic rockwool tiles (2.4 kg/m²), covered with black fleece finish (size: 600 x 600 mm; thickness: 20 or 22 mm).
Not supplied by Laudescher.

REACTION TO FIRE (IN ACCORDANCE WITH EN 13501-1)

Fire-retardant, Euroclass standard B-s1, d0 or B-s2, d0 depending on the type of wood and finish.

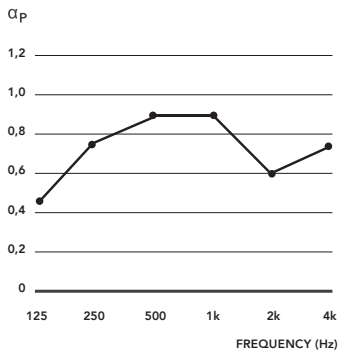
ACOUSTIC PERFORMANCE

Various items of sound absorption data (αp, αw, absorption class) have been calculated in accordance with standard ISO 11654 (Linea + acoustic complement).

LINEA JUNGLE CEILING

+ 20 mm rockwool on E250 mm plenum

ACOUSTIC ABSORPTION RATING

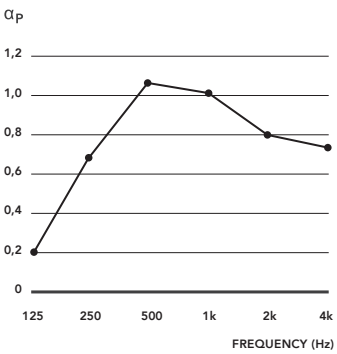


WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.70	Class C

LINEA JUNGLE WALL

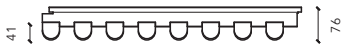
+ 20 mm rockwool on E50 mm plenum

ACOUSTIC ABSORPTION RATING

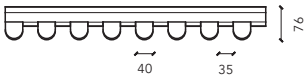


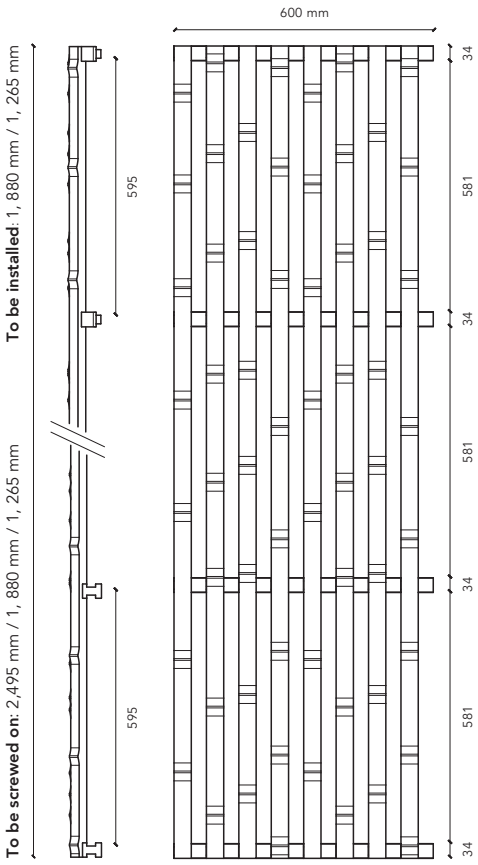
WEIGHTED INDEX:	ABSORPTION CLASS:
α_w = 0.85	Class B

TO BE INSTALLED



TO BE SCREWED ON





Køge North station

Product: Linea Custom, timber species: oak, finish: varnish
Architect: COBE

© Xavier Dumoulin

Linea Custom

The art of bespoke design at the service of architecture

At Laudescher, we treat every project as a unique creation. We make it a point of honour to work closely with architects, designers, and project owners to understand their needs and aspirations. This personalised approach enables us to design solutions that are perfectly tailored to their requirements in terms of both design and technical performance.

A trusted partner from start to finish

Laudescher works closely with architectural professionals to bring their creations to life. Our teams support every project at every stage, from initial design to manufacturing, including in-depth technical studies. This collaborative approach ensures optimal adaptation to the specific constraints of each project while guaranteeing a flawless outcome.

Thanks to state-of-the-art tools and recognised expertise, Laudescher can meet the most complex demands, from organic designs to innovative geometric structures.

Laudescher offers a wide range of finishes, colours, and timber species to enhance each project. The acoustic panels in the Linea range, for instance, can be customised to meet the most demanding aesthetic and functional requirements while complying with environmental and technical constraints.

New Scotland Yard

London, UK

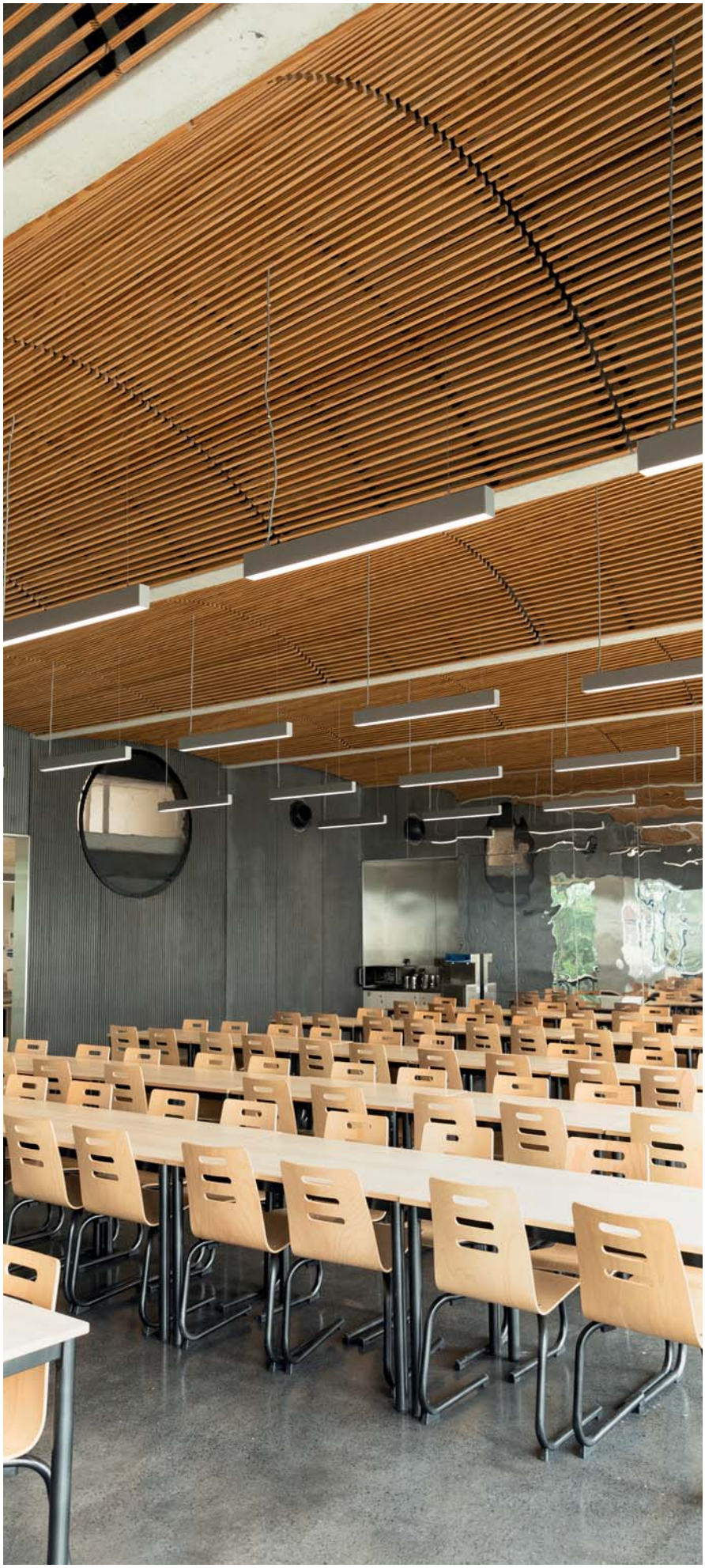
Allford Hall Monaghan Morris

© Nicolas Mathéus

Le Paris-Brest restaurant

Rennes

Jouin Manku



Bezons secondary school

Ile-de-France

Ateliers O-S

Spinelli restaurant, European Parliament

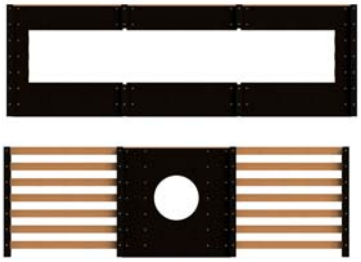
Belgium

Altiplan

Options and parts

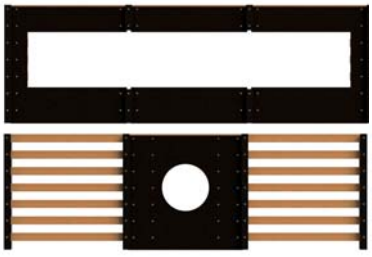
Options and parts

Ceiling

Additional counter-slat	The additional counter-slat provides greater flexibility when cutting panels, allowing you to reconstruct and reuse panel offcuts.	
Additional slat	The additional slat allows you to finish the job with profiles identical to the panels, ensuring a neat finish.	
Bias cutting profile	The profile allows for greater flexibility when cutting panels to perfectly adapt to the project's constraints.	
Edge bracket	The mounting bracket allows you to recreate the edge system on the ceiling panels. Material: 316L stainless steel	
Particle back plate	The particle back plate allows you to make various insertions and perform random cutting, or can be used to seal the plenum while diffusing sound (reverberation).	
Machining option with particle back plate	Ask us!	
Machining option with panel including particle back plate insertion	Ask us!	
Finishing option	Finishing for touching up slats or counter-slats.	Varnish, wax colour In 1 litre

Options and parts

Wall

Additional counter-slat	The additional counter-slat provides greater flexibility when cutting panels, allowing you to reconstruct and reuse panel offcuts, 600 mm long.	
Additional slat	The additional slat allows you to finish the job with profiles identical to the panels, ensuring a neat finish.	
Bias cutting profile	The profile allows for greater flexibility when cutting panels to perfectly adapt to project constraints, 2,000 mm long.	
Internal/external angle profile	This profile allows you to manage the finish of wall corners, length 1,879 mm.	
Extension finish profile	This part allows you to finish returns (openings, etc.), length 1,879 mm. 20 x 68 mm 	
	20 x 40 mm  20 x 66 mm 	
Particle back plate	The particle back plate allows you to make various insertions and perform random cutting, or can be used to seal the plenum while diffusing sound (reverberation).	
Machining option with particle back plate	Ask us!	
Machining option with panel including particle back plate insertion	Ask us!	
Finishing option	Finishing for touching up slats or counter-slats.	Varnish, wax color In 1 litre

Options and parts

Linea Swell

Additional slat	The additional slat allows you to finish the job with profiles identical to the panels, ensuring a neat finish. (1 slat, 3 assembly brackets + 12 screws, 3.5 x 20 mm).	
Suspension kit*	Suspension kit (2 threaded rods, 1 m, 2 lock nuts and 2 Combifix parts).	
Connection kit*	Kit of 10 connection sets (20 Combifix parts, 10 threaded rods, diameter 6 x 30 mm).	
Assembly bracket*	Kit of 10 assembly brackets + 40 screws measuring 3.5 x 20 mm.	
Particle back plate	The particle back plate allows you to make various insertions and perform random cutting, or can be used to seal the plenum while diffusing sound (reverberation).	
Finishing option	Finishing pot for touching up slats or counter-slats.	Varnish, wax colour In 1 litre

*Humid and/or corrosive environment: ask us.

Timber species & finishes

Timber species*

- Finger-jointed pine
- Silver fir
- Pine
- Oak

Fire-treated finishes

- Colourless
- White
- Douglas fir
- Oak
- White oak
- Honey

Wax color finishes

- White
- Douglas fir
- Oak
- White oak
- Cenza
- Green
- Wenge
- Black

Other colours available on request.

* Clear varnish can be added for sensitive environments.

Visual summary of the Linea range

Linea Essential


Linea 2.4.3


Linea 2.4.5


Linea 2.6.5


Linea 2.6.6


Linea 2.6.8


Linea 2.6.10


Linea 2.9.8


Linea 2.9.10


Linea 2.9.13


Linea 2.4.3 Lite


Linea 2.4.5 Lite


Linea 2.6.6 Lite


Linea 4.2.1


Linea 4.2.4


Linea 9.2.1


Linea 9.2.3


Linea 9.2.6


Linea 4.2.1 Lite


Linea 4.2.4 Lite

Linea Remarkable


Linea Touch


Linea 42 AL


Linea 422 AL


Linea Swell


Linea Shape 1


Linea Shape 2


Linea Shape 3

Linea 3D


Linea Edge


Linea Pix


Linea Scale


Linea Bamboo


Linea Bamboo Wave


Linea Jungle

Design and production: Agence Sens Design
Cover photos: © Alfred Cromback

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