

Gustafs Lamellow+ Cera

PRODUCT SHEET: Gustafs Linear Panels REV: 2024-02

PRODUCT: Lamellow+ Cera, Barcode, Linear & Puzzle FIRE CLASS: B-s1,d0

APPLICATION: Wall, Ceilings ACOUSTIC CLASS: A, D



TYPE/SOLUTION: Gustafs Linear Panels

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Gustafs Lamellow+ Cera - Linear panel for walls and ceilings

CERAMIC LOOK

Quickly improve acoustics and get architectural design in your home, office or school with Lamellow+ wood slats panel.

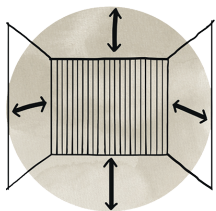
Lamellow+ Cera are acoustic panels with composite ribs mounted on an acoustic felt backing.

The Lamellow+ Cera ribs are made of high quality composite material and a triple UV coating, for a ceramic look.

Installation is quick and easy and can be done with screws, nails or glue. Lamellow+ Cera is designed so that the joints are overlapping and hidden.

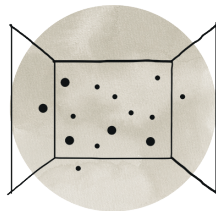
The puzzle panels have a fixed distance between felt edge and ribs, and are mounted horizontally or vertically on the wall.

The panels can also be installed with our Capax T24 ceiling system which creates a fully concealed installation and a suspended ceiling.



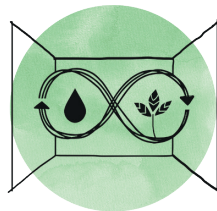
STABILITY

Unaffected by indoor climate changes, both the rPET Acoustex felt and the ceramic composite doesn't bulge, warp or swell - making large panels and zero-spaced joints perfectly viable.



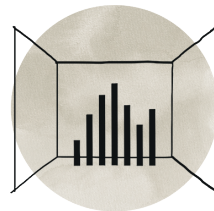
EMISSIONS

The ceramic composite core of the Lamellow+ ribs is extremely low emitting. One of the reasons is that these cores are produced without wood binders and automatically without added urea-formaldehyde or isocyanates.



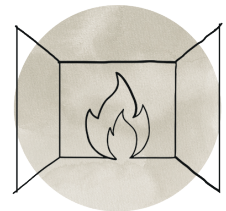
SUSTAINABILITY

The high-density core of the Lamellow+ Cera ribs has a low thermal conductivity, and stabilizes the room temperature, reducing the need for cooling or heating. The Lamellow+ Cera ribs contain 17% post-consumer recycled material.



ACOUSTICS

Ceramic core-based ribs are heavier than wood-based solutions and sound waves will not make them vibrate or resonate. The Gustafs Acoustex backing has superb sound dampening qualities.



FIRE SAFETY

The non-combustible ceramic composite core of the ribs, nor the Gustafs Acoustex PET felt backing need chemicals to achieve their fire rating. The complete Lamellow+ Cera panel holds a true fire classification B-s1,d0.

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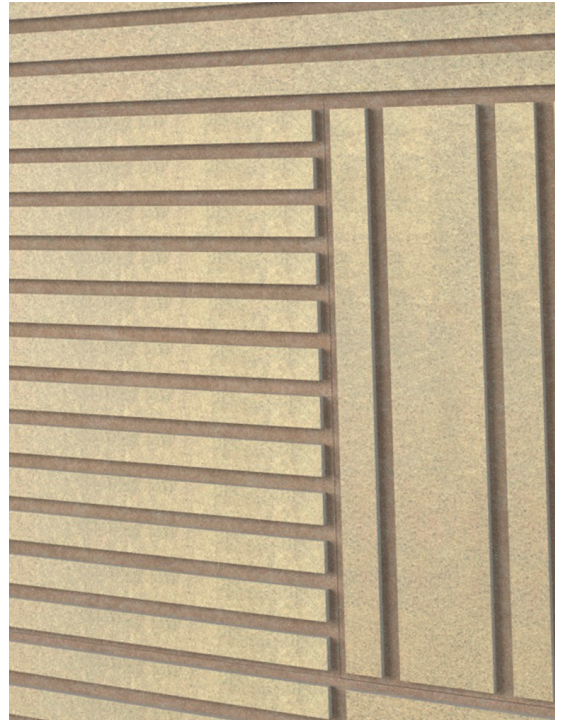
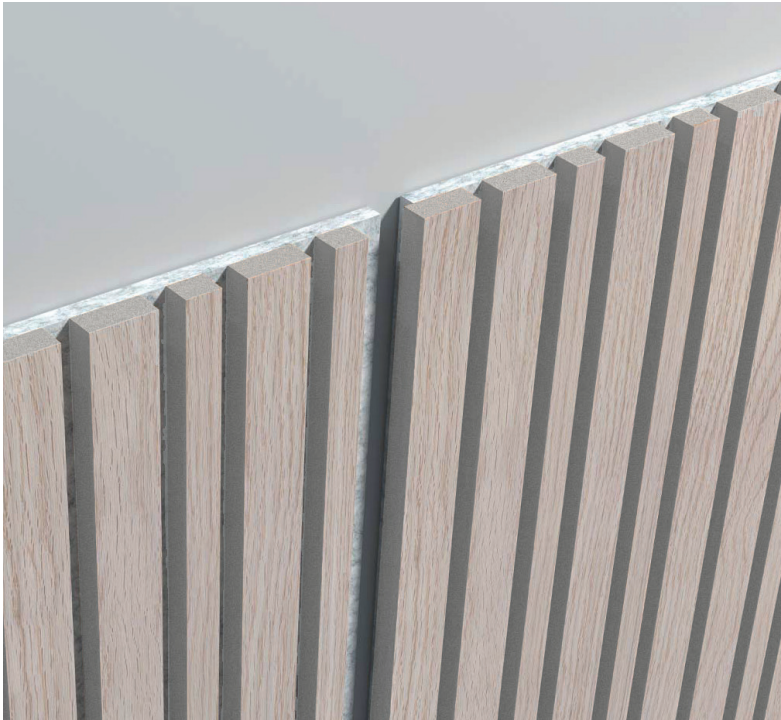
PRODUCT: Lamellow+ Cera, Barcode, Linear & Puzzle

APPLICATION: Wall, Ceilings



It's a system

WALL INSTALLATION



GUSTAFS CAPAX - CEILING INSTALLATION



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Choose your design



Sand



Wet Sand



Dirty Green



Wool Grey



Dark Grey



Anthracite

Cera

The Gustafs Lamellow+ Cera ribs are made of high quality composite material and a triple UV coating, for a ceramic look.

Acoustic felt

Washed and chipped rPET flakes are melted down and spun into the fibres to make Gustafs Acoustex felt.

The felt is available in eleven colours.

The ribs are attached to this 9 mm thick Acoustex felt which is made from a minimum of 50% post consumer recycled PET bottles. The felt is Oeko-Tex certified.

Depending on the colour of the acoustic felt backing, the overall impression of the finished surface will vary. As a result, there are many possible design combinations.

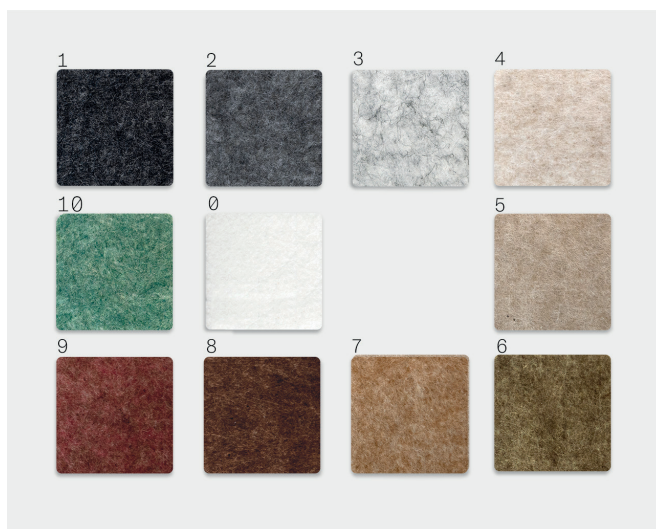


Our website is always up to date, all current information about Gustafs products can be found here » gustafs.com

STANDARD COLOURS

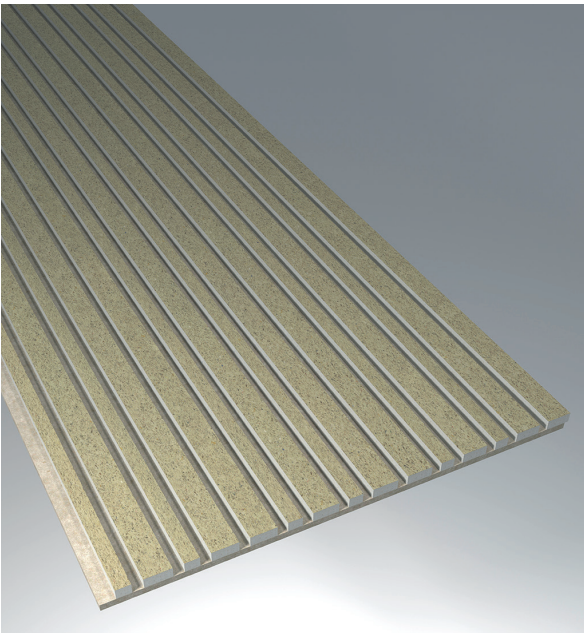
The acoustic felt is available in the following colours:

1. Anthracite
2. Dark Grey
3. Wool Grey
4. Sand
5. Wet Sand
6. Dirty Green
7. Old Clay
8. Mocca
9. Rose
10. Jade
0. White





Barcode

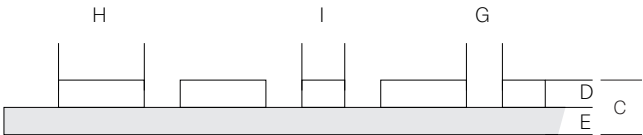


PANEL DIMENSIONS

A: 2400 mm (1,44m²)
B: 600 mm
C: 22 mm

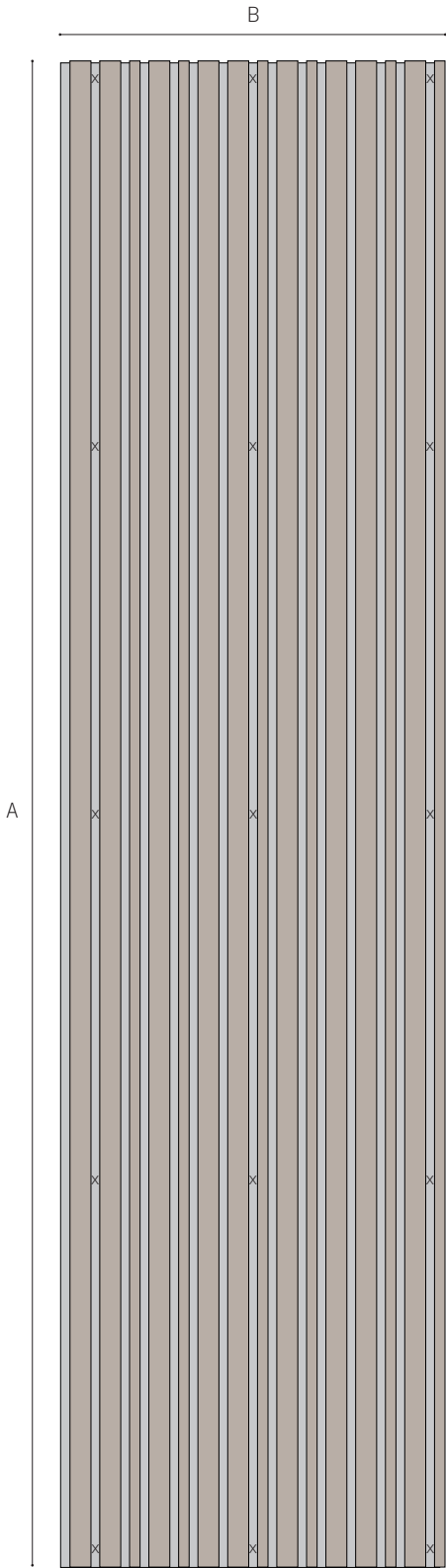
D: 13 mm
E: 9 mm

H: 33 mm
I: 18 mm
G: 13 mm



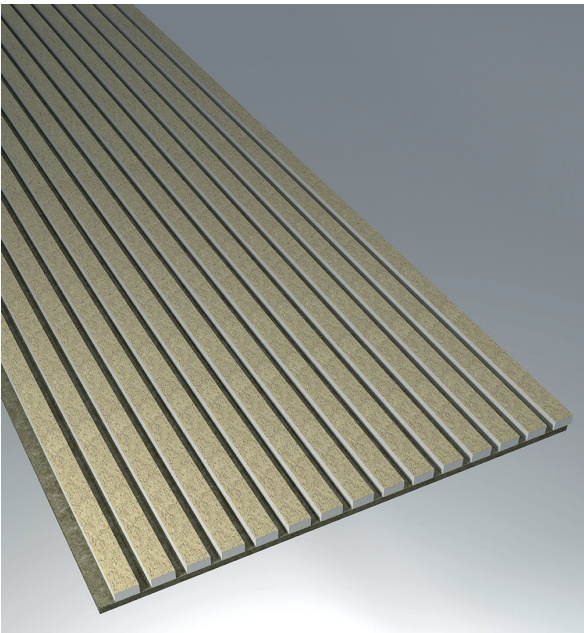
PATTERN

15 slats per panel in the repeated pattern (mm):
33 - 33 - 18 - 33 - 18 mm



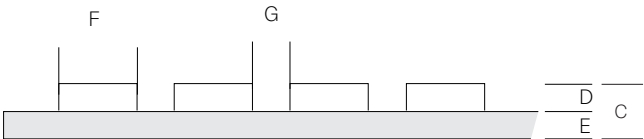


Linear



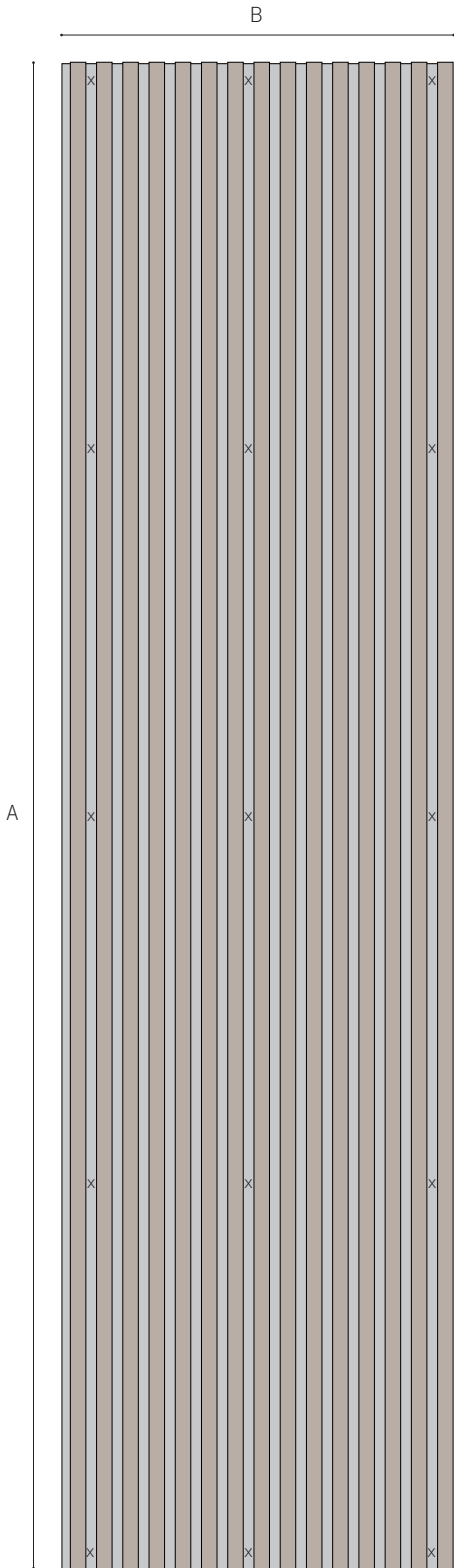
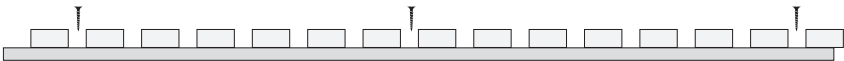
PANEL DIMENSIONS

- A: 2400 mm (1,44m²)
- B: 600 mm
- C: 22 mm
- D: 13 mm
- E: 9 mm
- F: 27 mm
- G: 13 mm



PATTERN

15 slats per panel.



APPLICATION: Wall, Ceilings



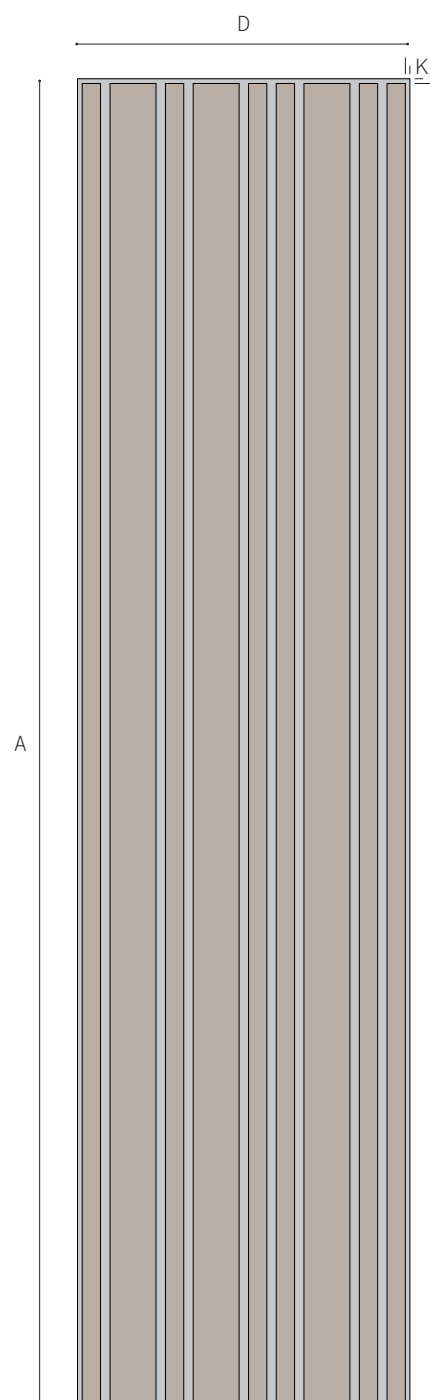
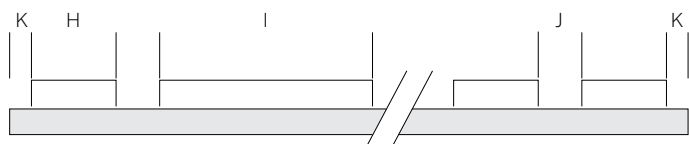
The Puzzle panels are available in four different patterns that can be mixed freely for a unique design.

All four in the standard dimensions 600 mm wide and 22 mm thick, and in three different lengths; 600 mm, 1200 mm and 2400 mm.



G: 9 mm

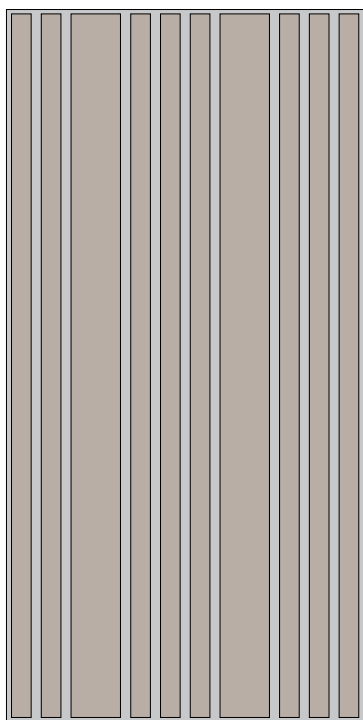
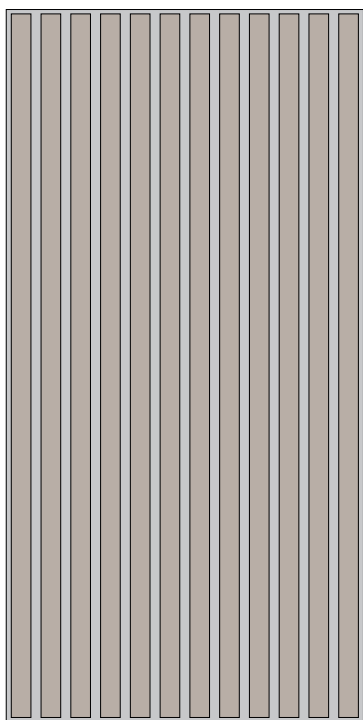
K: 8,5 mm



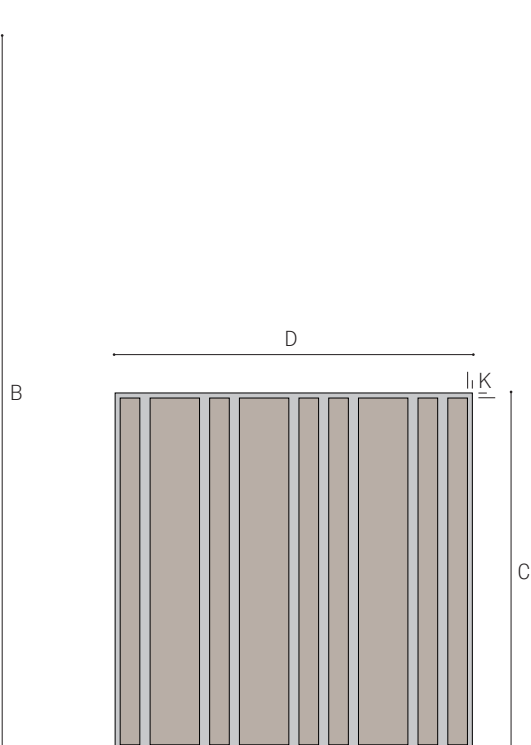
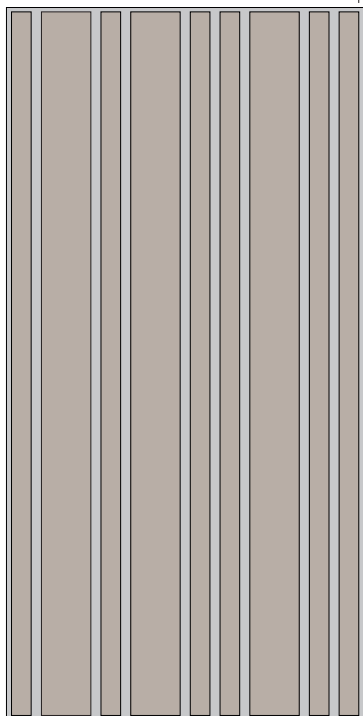
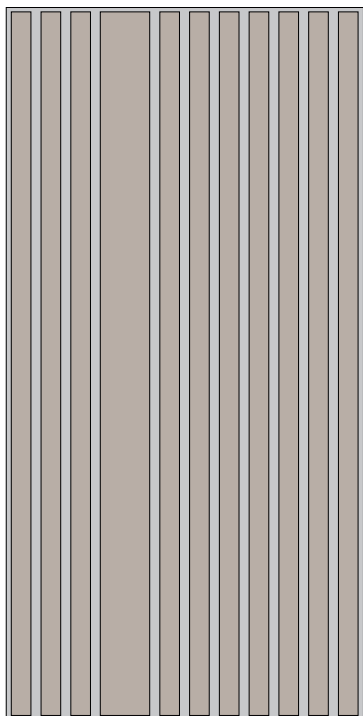
APPLICATION: Wall, Ceilings



Examples below shows panels that are 1200 x 600 mm.



The standard width of the panels is 600mm (D).
The lengths are in 2400mm, 1200mm (B) och
600mm (C).

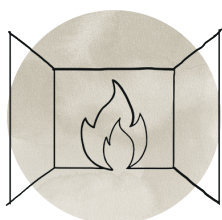


APPLICATION: Wall, Ceilings



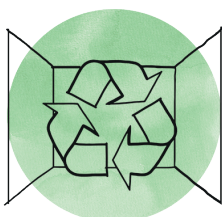
Acoustic values

INSTALLATION	INSULATION	α_w / NCR
Wall/Ceiling	45 mm mineral wool	0,95 - A / 0,95
Ceiling Suspended	0 + 200 mm air void	0,90 - A / 0,85
Wall/Ceiling	direct installation	0,30 - D / 0,55



Fire classification

PRODUCT	CORE MATERIAL SLATS	COATED SURFACE
Lamellow+ Cera	Ceramic composite	B-s1,d0
Lamellow+ Cera	Ceramic composite	ASTM-A



The felt backing of Lamellow+ Cera contains a minimum of 50% post-consumer recycled material and the ribs are made of 94% recycled material, including 17% post-consumer recycled material. The whole panel is free from retardants, added formaldehyde or isocyanate binders.

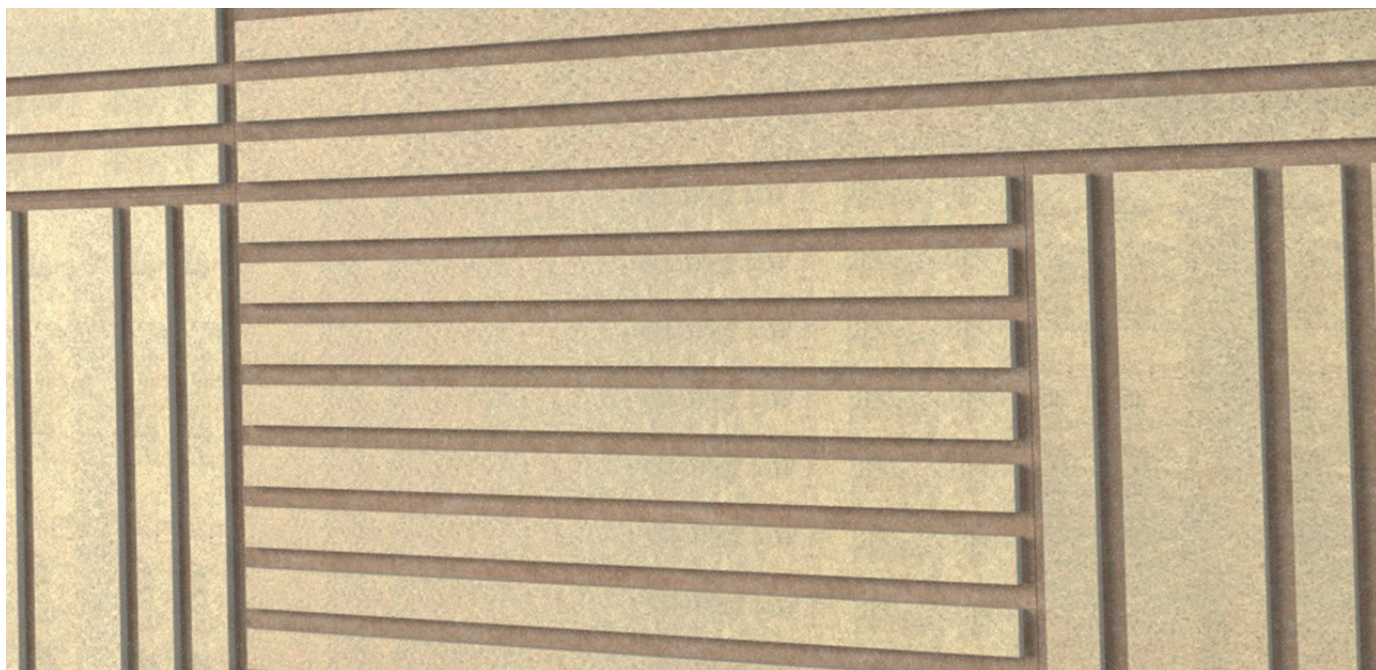
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Installation



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INSTALLATION: Straight or curved

FIXING: Screws, nails or glue.

INSTALLATION SYSTEM: Capax T24 -
for suspended ceilings

STRAIGHT OR CURVED INSTALLATIONS

The Lamellow+ Cera acoustic panels are really simple and quick to mount, directly on any existing wall or ceiling. Lamellow+ in design pattern Linear and Barcode provide seamless installation thanks to Lamellow's concealed joints.

Lamellow+ panels in Puzzle design are jointed felt to felt in all directions, in-line or perpendicular, with constant ribs spacings of always 17 mm. Gustafs sturdy but still soft Acoustex material provides truly invisible felt-felt connections.

Depending on the total construction of the installation, sound absorption class A or D will be reached, but all constructions will achieve fire safety class B-s1,d0.

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Specifications

TYPE:	Gustafs Linear Panels
DESIGN:	Linear, Barcode och Puzzle
PANEL DIMENSIONS:	2400x600x22 mm (LxWxT), 1,44m ² Bespoke lengths up to 3000mm are available for Linear & Barcode. 2400mm, 1200mm & 600mm lengths for Puzzle
RIB DIMENSION LINEAR:	13x27 mm (TxW)
RIB DIMENSION BARCODE:	13x18 mm and 13x33 mm (TxW)
SPACING LINEAR/BARCODE:	13 mm, gives a total open area of 32,5 %
RIB DIMENSION PUZZLE:	13x33 mm and 13x83 mm (TxW)
SPACING PUZZLE:	17 mm (constant spacing in all directions)
WEIGHT:	19,4 kg per 1,44m ²
FIRE CLASS:	B-s1,d0 (EN 13501-1)
CORE MATERIAL:	Recycled fibre gypsum, high density 1200kg/m ³ .
SURFACE TREATMENT:	Triple UV coating, ceramic look
ACOUSTIC FELT:	Acoustex 9,0 mm, available in several colours.
INSTALLATION:	15 screws och nails in the felt, between the ribs or 15 gluing points per panel. The installation provides seamless installation thanks to the concealed joints. Suspended ceiling: Fully integrated, hidden and demountable ceiling installation that allows for seamless installations. A-Class acoustic absorptions a with 200 mm air void, no additional insulation needed.
CURVED INSTALLATION:	Yes, down to convex radius 1000 mm, for narrower radius, see Lamellow+ Flex
JOINTS:	Hidden overlapping joints and felt to felt
ENVIRONMENTAL PERFORMANCE CERTIFICATION PROGRAM FOR BUILDINGS:	BREEAM, LEED, BVB, Svanen (Nordic Eco), SundaHus
EMISSIONS:	E1, M1, Blue Angel, AgBB, French VOC, Belgian VOC
TVOC:	Approved emissions (EN ISO 16009-9)
FORMALDEHYDE:	Approved emissions (EN 717-1)
UREA FORMALDEHYDE:	Not added
ISOCYANATE BINDERS:	No
RECYCLED CONTENT:	94%
RECYCLED POST CONSUMER:	17%
HYGIEN CLEANING:	70% Alcohol
EPD:	Available, EPD registration number: S-P-09107
COUNTRY OF ORIGIN:	Gustafs, Sweden
LIFE TIME:	Expected > 50 years