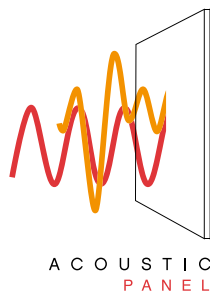


texdecor

Creator of decorative acoustic solutions



SlimPanel

Wall | Island | Baffle
Louvre | Backlighting
Totem





Benefits of use	4
Environment	6
SlimColor	8
Walls	10
Walls Concepts	12
Ceiling Island	16
Ceiling Island with light	18
Backlighting	22
Ceiling Baffle	24
Ceiling Baffle with light	26
Ceiling Louvre	28
Totem	34

BENEFITS OF USE

ENVIRONMENT

The compact felt used on the SlimPanel products contains 50% recycled polyester from plastic bottles. After processing, the offcuts are then also reused for another product.

VOC A+ : very low emissions, designed to preserve indoor air quality. Oeko-tex certified compact felt.

PRODUCTS PROPOSED

5 types of products (walls, island, baffle, louvre, totem) available in 24 models of panels, to be used alone or combined

There are different mountings and fittings with many finishes. The SlimColor range is composed of 15 colours.

READY TO INSTALL LIGHTING SOLUTIONS

Dual functionality : the baffles and the islands are transformed into lit acoustic objects specially designed to meet several needs : to light, energise, organise or decorate the space.

Luminous strips or LED backlighting with transformers, long-lasting and with low-energy consumption, are mounted directly on to the panels in the workshop to enable safe and easy installation.

A HIGH-PERFORMANCE TECHNICAL PRODUCT

Equivalent average absorption area from 0.45m² to 3,86m², alpha w from 0,40 to 0,85.

Excellent fire-rating : B s2 d0

LED lighting : backlighting = 4,5W / baffles and islands = 18W and 35W

Fittings : in lacquered steel or polycarbonate to enable use in a damp environment.

Care : clean with a vacuum or damp cloth.

Easy installation : on walls and on ceilings, the fittings used are simple, adjustable and easy to install, allowing installation without having to shut off the space.

A DESIGN CONCEPT

The "Concept" products for walls comprise 4 decorative compositions to suit the wall space available and the acoustic correction required.

A system for backlighting the panels combines function and aesthetics. The transparent polycarbonate fittings for the louvres emphasise the lightweight structure and enhance the shapes and the colours of the slats.

Black or white slings render the hanging cables almost invisible depending on the colour of the ceiling.







SlimPanel,

A range of functional and stylish acoustic solutions,
in eco-friendly compact felt

IMPROVE THE COMFORT IN YOUR SPACES

The SlimPanel acoustic solutions effectively absorb sound waves, helping to reduce the noise level in a space, improving the comfort of the users.

The advantages provided by the absorbent quality of the compact polyester felt are varied, depending on the use of the space : conversing in a restaurant, improve the intelligibility of speakers in a meeting place, creating a quiet and private space to improve concentration in the workplace.

SlimPanel offers a wide range of acoustic solutions adaptable for each project, to suit the layout of the space, the look and acoustic improvement required. Very lightweight and compact, each product in the range is quick and easy to install, on the walls, ceilings or floor.

Ideal products for all public spaces : offices and administrations, restaurants, hotels, reception areas, function rooms, school or sports buildings, businesses.

DECORATE YOUR INTERIORS

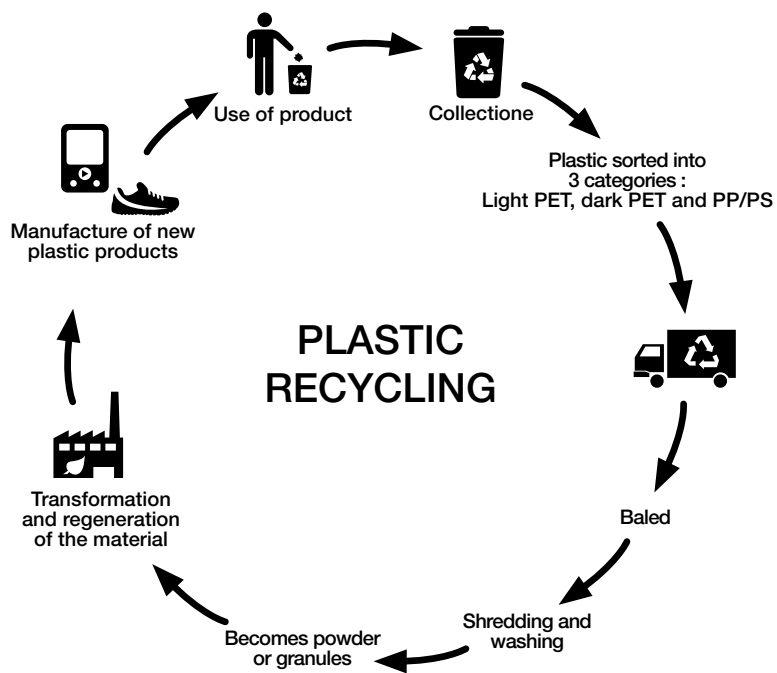
5 types of products available in 24 models of panels. A multitude of possibilities to create unique looks : combine the colours and formats to energise the space or choose a selection of neutral and discrete colours for a timeless, muted ambiance.

The warmth of compact felt, created using blended fibres, and its textile touch, increase the feeling of comfort and well-being.

REDUCE THE ENVIRONMENTAL IMPACT OF THE PROJECTS

The 100% polyester felt, used as the absorbent is an eco-designed material with many advantages :

- Circular economy: contains 50% recycled polyester fibres from plastic bottles.



- The panel made of calendered fibres obtains excellent acoustic results even for low thickness.

- Meets the strictest safety regulations: fire rating B s2 d0

- The SlimPanel acoustic panels are designed and assembled in France 

- Long-lasting :

Easy-care and shock resistant. The lifespan of the SlimPanel products means a cost-effective solution for the project manager, with reduced environmental impacts for the community.

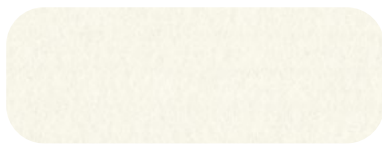
SlimPanel

SlimColor

Palette of 15 colours, plain or marbled.
9mm thickness compact felt.



Samples available upon request www.texdecor.com



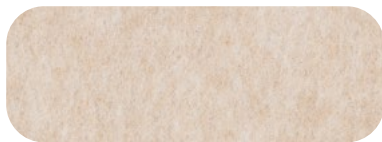
9162 10 63*



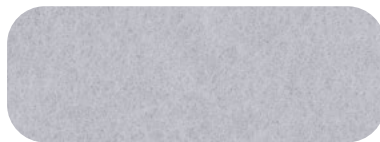
9162 10 51*



9162 03 54



9162 02 18



9162 11 32



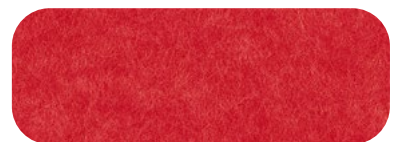
9162 07 20



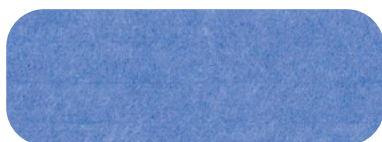
9162 02 44



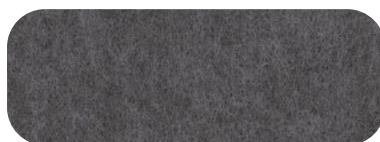
9162 11 21



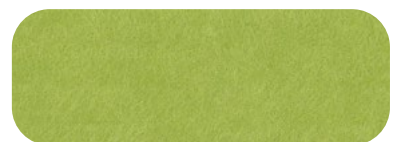
9162 08 14



9162 05 27



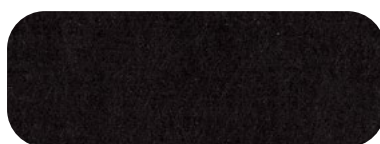
9162 11 56



9162 04 29



9162 05 61



9162 12 01



9162 05 33

* Backlighting option not available





SlimPanel

Walls

SlimPanel Walls offers 6 formats of rectangular or square panels with rounded corners. Fixed using rails, they are offset 30mm from the wall to allow the option of backlighting and improve the acoustic performance thanks to the plenum*.

Lightweight and compact, SlimPanel is easy to install and handle.

A system of self-locking rails secures the panels if knocked. Stiffeners are included around the edges of the panels to strengthen the structure and mask the fittings on the back.

Horizontally or vertically, the SlimPanel Mural can be easily fitted to walls combining technicality and volume.

* air gap between the wall and the panel



Formats



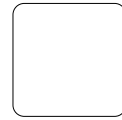
2400x1200



2400x600



2400x400



1200x1200

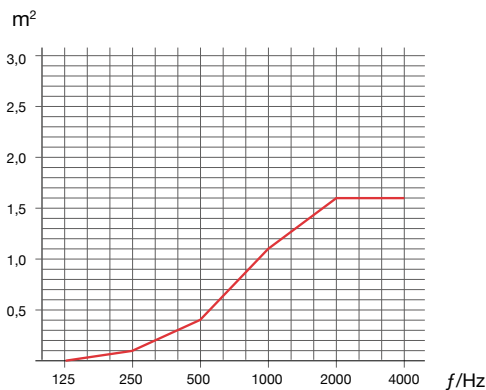


1200x600



1200x400

Acoustic values



Frequency (Hz)	125	250	500	1000	2000	4000
Absorption area of square 1200x1200 panel with 30 mm plenum	0	0.1	0.4	1.1	1.6	1.6

	AEQ	Alpha w
Square 1200 x 1200 mm	1,03 m ²	0,4

Table of equivalent absorption areas

Panels (in mm)	Equivalent absorption area (in m ²)
1200 x 400 x 9	0.343 m ²
1200 x 600 x 9	0.515 m ²
1200 x 1200 x 9	1.03 m ²
2400 x 400 x 9	0.686 m ²
2400 x 600 x 9	1.03 m ²
2400 x 1200 x 9	2.06 m ²

SlimPanel

Walls Concepts

SlimPanel Concept, 4 suggestions for acoustic decorative installations for walls : S'(small) M'(Medium) L'(Large) F'(Free). These suggestions give your surroundings character and this functional product has the benefit of being highly decorative. Available on all colours, these Concepts have been designed to meet the dimensional and acoustic constraints of your space.

Each Concept is composed for a maximum of 3 layers of superimposed panels. All separated by a 15mm plenum designed to improve the acoustics and add an optional LED backlighting system to create an impression of volume.

It is a unique solution, creating a unique ambiance.

F'Concept

Personalise your project with a tailor-made SlimPanel Concept : combine the colours at will, select the formats to suit the dimensions of your walls and create your signature wall to match your acoustic requirements. Illuminate it if you wish !

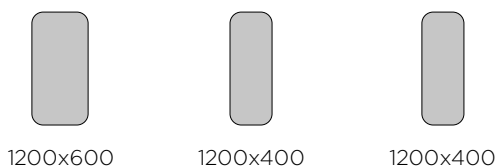
Our team is here to help you throughout the project, all the time adhering to the instructions for superimposing and hanging the panels.



S'Concept



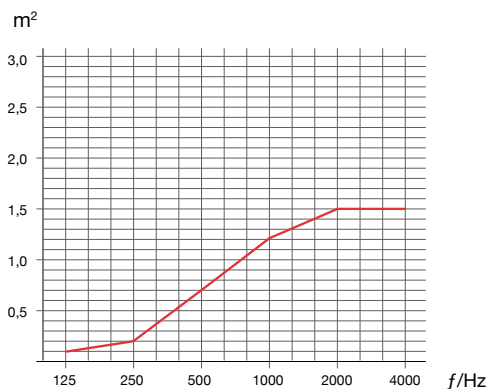
What is the S'Concept



Panels (in mm)	Position on wall
1200 x 600 x 9	1 (wall)
1200 x 400 x 9	2
1200 x 400 x 9	3

Description :
 3 superimposed panels, with a 15mm gap between each one.
 These 3 formats and their positions are mandatory. Any colours from the SlimColor palette. Optional LED backlighting.
 Total wall surface area : 1.18 m² / height : 1200 mm / width : 1600 mm.

Acoustic values



Equivalent sound absorption area

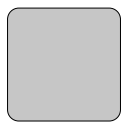
— S'Concept 1,13 m²

Frequency (Hz)	125	250	500	1000	2000	4000
Absorption area S'Concept	0.1	0.2	0.7	1.2	1.5	1.5

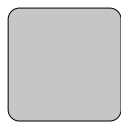
M'Concept



What is the M'Concept



1200x1200



1200x1200



1200x600

Panels (in mm)	Position on wall
1200 x 1200 x 9	1 (wall)
1200 x 1200 x 9	2
1200 x 600 x 9	3

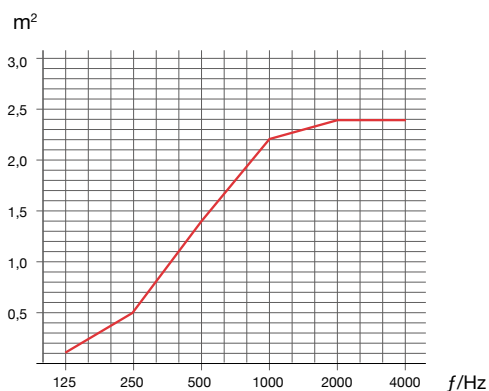
Description :

3 superimposed panels, with a 15mm gap between each one.

These 3 formats and their positions are mandatory. Any colours from the SlimColor palette. Optional LED backlighting.

Total wall surface area : 1.92 m² / height : 1600 mm / width : 1400 mm

Acoustic values



Equivalent sound absorption area

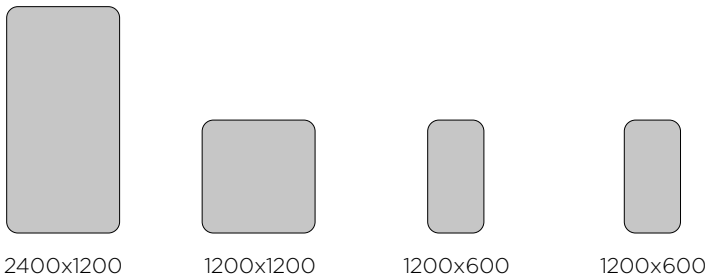
— M'Concept 2 m²

Frequency (Hz)	125	250	500	1000	2000	4000
Absorption area M'Concept	0.1	0.5	1.4	2.2	2.4	2.4

L'Concept



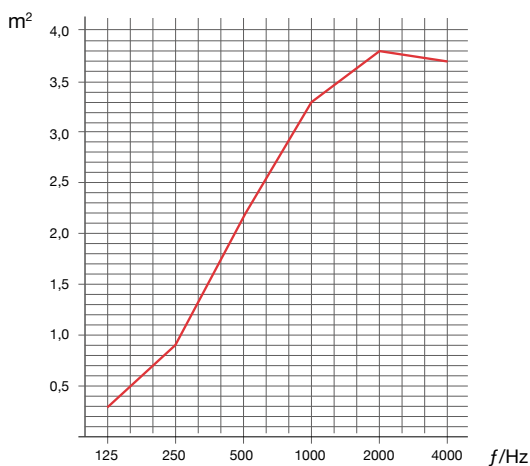
What is the L'Concept



Panels (in mm)	Position on wall
2400 x 1200 x 9	1 (wall)
1200 x 600 x 9	2 (left)
1200 x 600 x 9	2 (right)
1200 x 1200 x 9	3

Description :
 4 assembled panels, with a 15mm gap between each one.
 These 4 formats and their positions are mandatory. Any colours from the SlimColor palette. Optional LED backlighting.
 Total wall surface area : 3.37 m² / height : 1800 mm / width : 2400 mm

Acoustic values



Equivalent sound absorption area

— L'Concept 3.1 m²

Frequency (Hz)	125	250	500	1000	2000	4000
Absorption area L'Concept	0.3	0.9	2.2	3.3	3.8	3.7



SlimPanel

Island

SlimPanel Island, a range of 6 formats of rectangular or square panels with rounded corners. Horizontally suspended using 4 or 6 adjustable cables, they correct the acoustic in large spaces or which lack wall absorbers. Thanks to their weight and dimensions, the panels are easy to handle and install.

Stiffeners are fixed to the back of the panels to ensure their flatness. They are perforated every 190mm to fix cables to suit the technical constraints of the ceiling (ducts, air conditioning etc...).

A system of adjustable cables in white or black (see page 19) allows you to change the heights, add tempo to your ambiance and to blend with the decor making the panel more inconspicuous.



Formats



2400x1200



2400x600



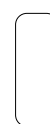
2400x400



1200x1200

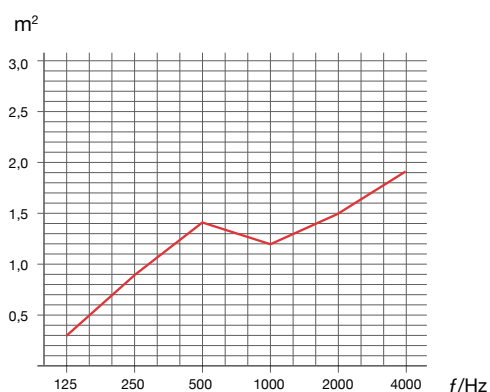


1200x600



1200x400

Acoustic values



Frequency (Hz)	125	250	500	1000	2000	4000
Absorption area of a square 1200x1200 panel with a 200mm plenum	0.3	0.9	1.4	1.2	1.5	1.9

	AEQ	Alpha w
— Square 1200 x 1200 mm	1,36 m ²	0,85

Table of equivalent absorption areas

Panels (in mm)	Equivalent sound absorption area (in m ²)
1200 x 400 x 9	0.45 m ²
1200 x 600 x 9	0.68 m ²
1200 x 1200 x 9	1.36 m ²
2400 x 400 x 9	0.90 m ²
2400 x 600 x 9	1.36 m ²
2400 x 1200 x 9	2.72 m ²



SlimPanel

Island

lighting & cable solutions

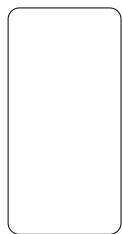
This option allows the lighting or cables (slings or electric) to be integrated in the 6 island formats. This tailor-made solution is produced to order in our production workshop.

According to the technical specifications given at the start of the project, you benefit from a wide choice of placements, quantities and sizes of round lights, from 70mm to 400mm. The number of light fittings is not limited, however a study will be carried out in our workshop to guarantee the rigidity of the panel.



Lighting

Formats



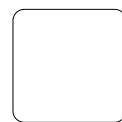
2400x1200



2400x600



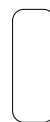
2400x400



1200x1200

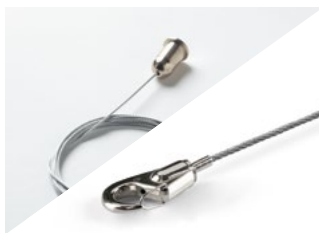


1200x600



1200x400

The finishes for the fittings



Vertical suspension cables in metallic colour



Ceiling cable and endcap option : white or black



SlimPanel

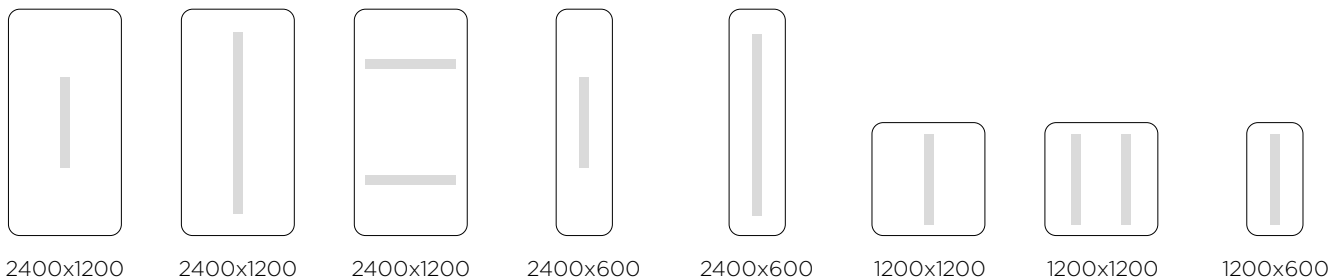
Island

integrated lighting

SlimPanel Eclairage, a range of 8 suspended panels with one or two 3000K 18W LED light strips. All supplied with a suitable transformer, a heat sink and a diffuser, it is a ready-to-install, long-term acoustic lighting solution.



Formats



Lighting

Dimensions of the light strip : 1000x45 mm ou 2000x45 mm
 The Lux is a unit that measures light output in a room : 1 Lux = 1 Lumen/m²
 The Lumen is a unit that measures the power of a light source.
 The Kelvin measures the warmth of light. 3000-4000K = neutral white

Here are the recommendations for some spaces.
 Given that one light strip = 18W (2m = 36W et 2 strips of 1m = 36W) and a luminous efficiency of 140 Lumen/W :

Spaces	Room area	Lux required	Number of luminous panels 1200x600
Office	25 m ²	200 to 300 lux	2 to 3 panels 1200x600
Open space	80 m ²	450 lux	15 panels 1200x600
Conference/meeting room	40 m ²	500 lux	9 panels 1200x600
Classroom / crèche	80 m ²	300 lux	10 panels 1200x600
Refectory / school canteen	100 m ²	200 lux	9 panels 1200x600
Traffic zone	20 m ²	100 lux	1 panel 1200x600

Note : for a traffic zone it is recommended to choose a less powerful light to have a more equally distributed lighting. Backlighting may be a good alternative in this situation.

SlimPanel

Backlighting

wall / ceiling

SlimPanel is not only an acoustic panel, it is also a decorative illuminated object. Each format has been designed to create an optical halo phenomenon produced by the diffusion of bands of light giving the appearance of volume to the panel or the structure.

Integrated into a wall Concept, a functional SlimPanel becomes a decorative object that defines the space. In an îlot suspended from the ceiling or a wall panel, the backlighting creates a soft and diffused indirect light, bringing warmth to your interior.



Each panel is fitted with a LED strip in the workshop with a heatsink, guaranteeing an optimal lifespan. With neutral white light and a suitable transformer, the light panel suits a large number of spaces.

For the wall panels and also the concepts or the islands, the backlighting system is adapted to each configuration, ensuring easy-use and quick installation. These functional and decorative solutions are delivered ready-to-install.

* Applicable for all colours except 9162 10 63 and 9162 10 51





SlimPanel

Baffle

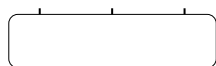
Hung by their edges, baffles are recommended for spaces where the ceilings have numerous suspended lights, technical or electrical ducts or a natural light source.

Compact, light and easy to install, they are hung using 2 or 3 cables depending on the length of the panel. The length of the cables can be adjusted to suit the architecture of the location and its use, close to the ceiling or alternatively lowered to be closer to the sound source.

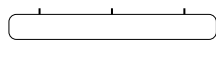
The baffle is comprised of two pieces with a 35mm plenum between them to improve the acoustic efficiency whilst reducing the overall dimensions of the baffle.



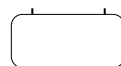
Formats



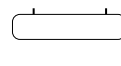
2200x570x55



2200x270x55

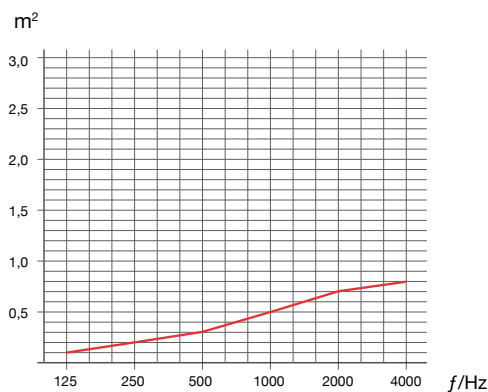


1200x570x55



1200x270x55

Acoustic values



Frequency (Hz)	125	250	500	1000	2000	4000
Absorption area of the baffle 1200x270 at 300mm from the ceiling	0.1	0.2	0.3	0.5	0.7	0.8

Equivalent sound absorption area

— Baffle 2200 x 270

1 m²

Panels (in mm)	Equivalent sound absorption area (in m ²)
1200 x 270 x 55	0,5 m ²
1200 x 570 x 55	1,05 m ²
2200 x 270 x 55	1 m ²
2200 x 570 x 55	2,1 m ²



SlimPanel

Baffle

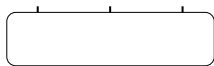
integrated lighting

The lit baffles have two uses : bringing a light source and improving the acoustics in the room. With the same format and dimensions as the standard version, the lit baffle produces a neutral white 3000K light with a 18W power (for the 1200 baffle) or 35W (for the 2200 baffle)

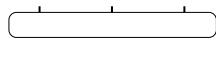
The height is adjustable so that it can become closer to the sound source to improve the acoustics and the area to be lit.



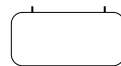
Formats



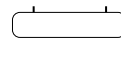
2200x570x55



2200x270x55



1200x570x55



1200x270x55

Lighting

The light strip fits into the specially designed cover profile.
Dimensions of the light strip : 1 metre for the 1200 baffles and 2 metres for the 2200 baffles.
The Lux is a unit that measures light output in a room : 1 Lux = 1 Lumen/m²
The Lumen is a unit that measures the power of a light source.
The Kelvin measures the warmth of light. 3000-4000K = neutral white

Here are the recommendations for some spaces
Given that one light strip = 18W (2 strips = 36W) and a luminous efficiency of 140 Lumen/W :

Spaces	Room area	Lux required	Number of luminous baffles 1200x570 or 1200x270	Number of luminous baffles 2400x570 ou 2400x270
Office	25 m ²	200 to 300 lux	2 to 3 baffles	1 baffle
Open space	80 m ²	450 lux	15 baffles	7 baffles
Conference/meeting room	40 m ²	500 lux	9 baffles	4 baffles
Classroom / crèche	80 m ²	300 lux	10 baffles	5 baffles
Refectory / school canteen	100 m ²	200 lux	9 baffles	4 baffles
Traffic zone	20 m ²	100 lux	1 baffle	none

Note : for a traffic zone it is recommended to choose a less powerful light to have a more equally distributed lighting.
Backlighting may be a good alternative in this situation.



SlimPanel

Louvre

standard slats

The SlimPanel louvres allow you to partially or completely cover a ceiling.

2 sizes of louvre are available :

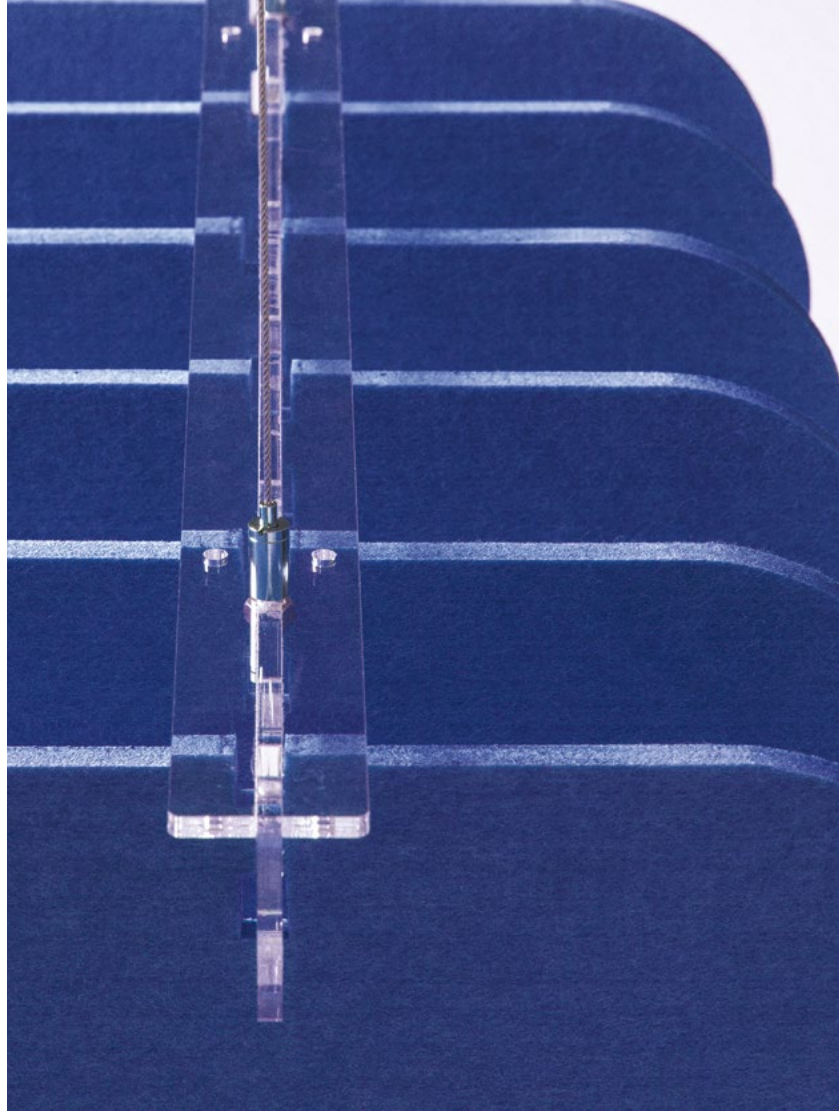
- 6 slat model
- 12 slat model

Possible personalisations :

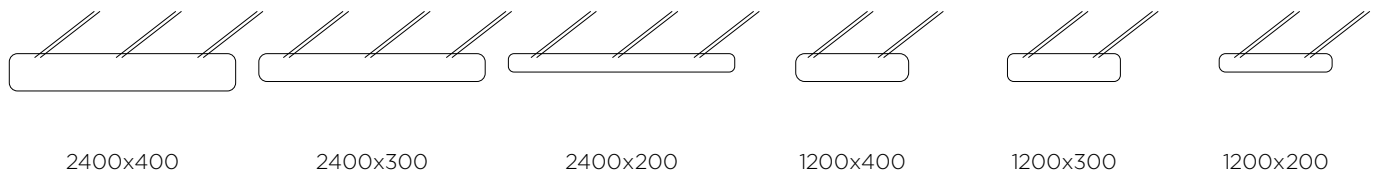
- 3 heights of slats combined : 400, 300 and 200mm (see page 32)
- 2 coordinated coloured slats (see page 32)

The louvres are suspended using slings or fixed directly to the ceiling. 2 types of fixing rails are available : white lacquered steel or clear polycarbonate making the louvre lighter and allowing more light to filter through.

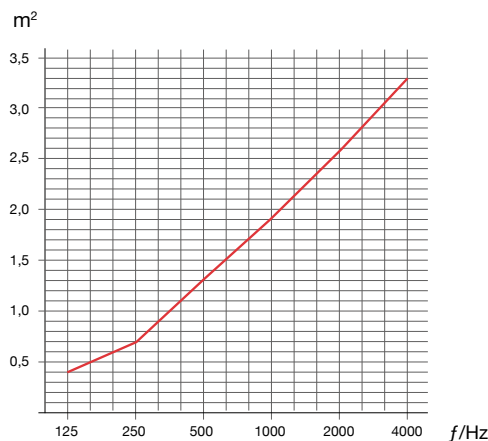
The shape of the rail, identical for both finishes, has been specially designed to allow each slat to be fixed independently. Assembly and dismantling of a slat for replacement is therefore very easy and quick, without needing to detach the louvre.



Formats



Acoustic values



Frequency (Hz)	125	250	500	1000	2000	4000
Suspended louvre with 12 slats 1200 x 300 with 500 mm plenum	0.4	0.7	1.3	1.9	2.6	3.3

Equivalent sound absorption area

— 12 slats louvre 1200 x 300

1,93 m²

Panels (in mm)	Equivalent sound absorption area (in m ²)
Louvres with 6 slats 1200 x 300 x 9	0,96 m ²
Louvres with 12 slats 1200 x 300 x 9	1,93 m ²
Louvres with 6 slats 2400 x 300 x 9	1,93 m ²
Louvres with 12 slats 2400 x 300 x 9	3,86 m ²

Acoustic values of other louvres are available on request / www.texdecor.com



SlimPanel

Louvre

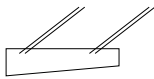
trapezium slat

As for the standard SlimPanel louvres, the trapezium louvres can be installed in several different ways to add energy and enlarge your space.

From one type of slat it is possible to create up to 5 decors (see page 32).

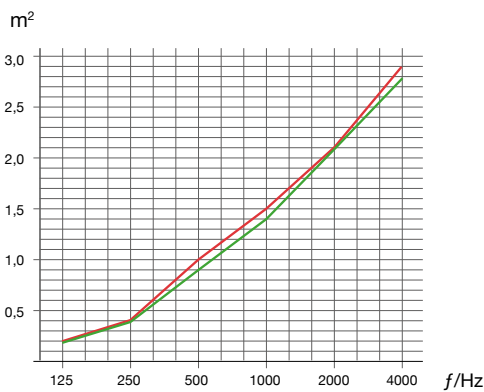


Format



trapezium
290x190x1200

Acoustic values



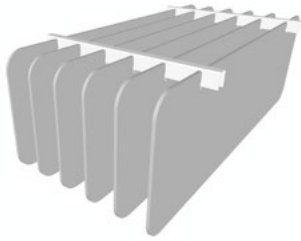
Frequency (Hz)	125	250	500	1000	2000	4000
12 slats trapezium louvre when staggered with 500 mm plenum	0.2	0.4	1	1.5	2.1	2.9
12 slats trapezium louvre standard layout with 500 mm plenum	0.2	0.4	0.9	1.4	2.1	2.8

Equivalent sound absorption area

12 slats trapezium louvre when staggered	1,53 m ²
12 slats trapezium louvre classic layout	1,46 m ²

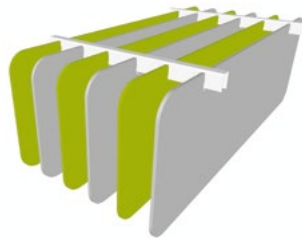
Panels (in mm)	Equivalent sound absorption area (in m ²)
6 slats trapezium louvre when staggered	0.77 m ²
12 slats trapezium louvre when staggered	1,53 m ²
6 slats trapezium louvre classic layout	0,73 m ²
12 slats trapezium louvre classic layout	1,46 m ²

Possible louvre models



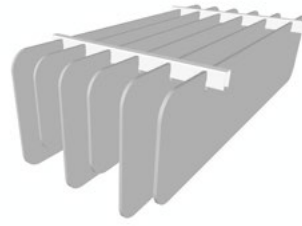
Plain standard louvre

Available as
 Louvre : 6 slats or 12 slats
 Length : 1200mm or 2400mm
 Hauteur : 200mm, 300mm or 400mm



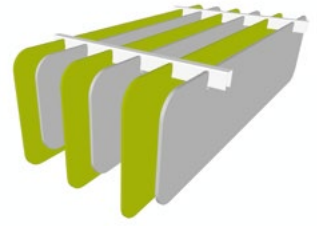
Two-coloured standard louvre

Available as
 Louvre : 6 slats or 12 slats
 Length : 1200mm or 2400mm
 Hauteur : 200mm, 300mm or 400mm



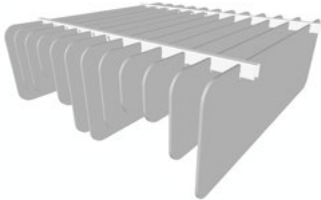
Alternating plain standard louvre

Available as
 Louvre : 6 slats or 12 slats
 Length : 1200mm or 2400mm
 Hauteur : 200mm, 300mm or 400mm



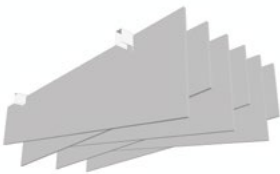
Alternating two-coloured standard louvre

Available as
 Louvre : 6 slats or 12 slats
 Length : 1200mm or 2400mm
 Hauteur : 200mm, 300mm or 400mm



Plain standard wave louvre

Height : 200mm, 300mm or 400mm
 Available as
 Louvre : 6 slats or 12 slats
 Length : 1200mm or 2400mm
 Non disponible en bicolore



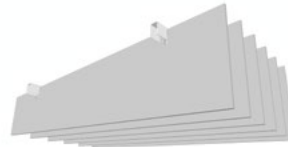
Plain trapezium louvre
 Staggered

Available as
 Louvre : 6 slats or 12 slats



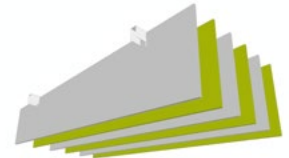
Two-coloured trapezium louvre
 Staggered

Available as
 Louvre : 6 slats or 12 slats



Plain trapezium louvre
 Classic layout

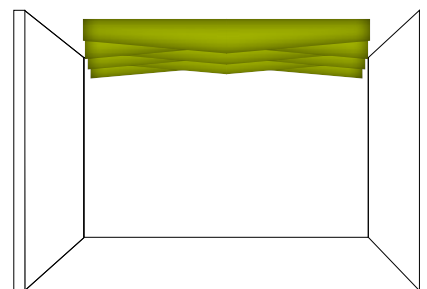
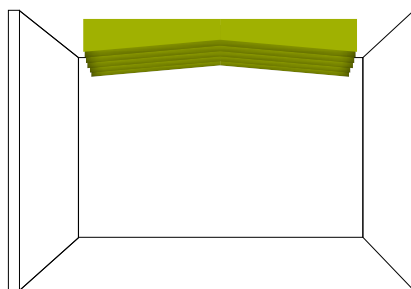
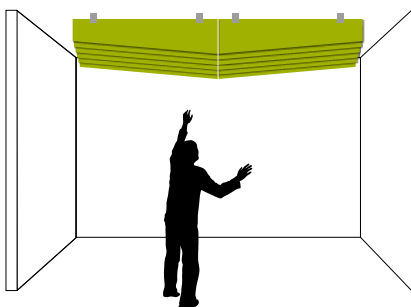
Available as
 Louvre : 6 slats or 12 slats



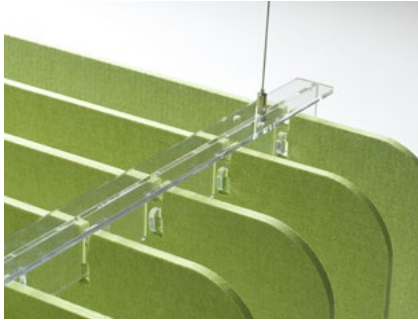
Two-coloured trapezium louvre
 Classic layout

Available as
 Louvre : 6 slats or 12 slats

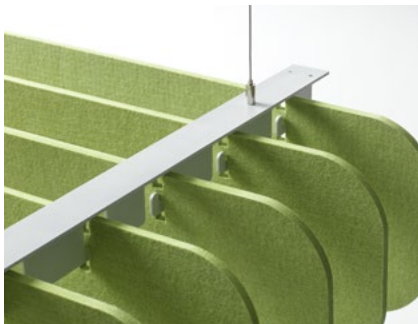
Create your own acoustic ceiling using alternating slats !



Rail finishes



Slats fixed to clear polycarbonate rail



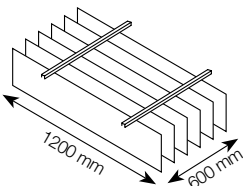
Slats fixed to lacquered white metal rail



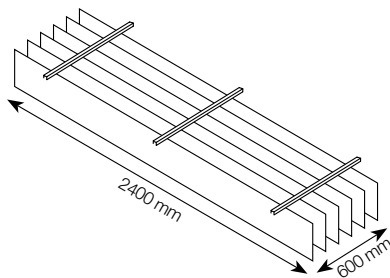
The louvres are connectable

The footprints

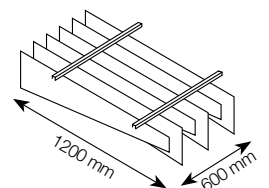
6 SLATS LOUVRE



$$\text{area} = 1200 \times 600 = 0,72\text{m}^2$$

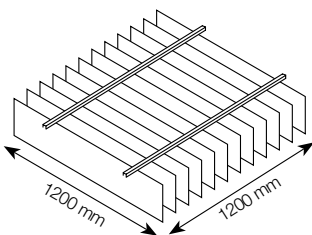


$$\text{area} = 2400 \times 600 = 1,44\text{m}^2$$

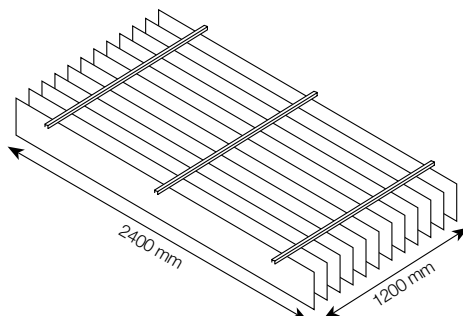


$$\text{area} = 1200 \times 600 = 0,72\text{m}^2$$

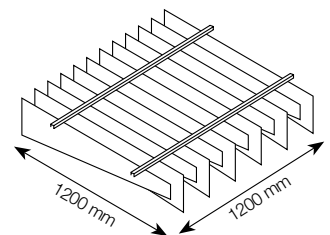
12 SLATS LOUVRE



$$\text{area} = 1200 \times 1200 = 1,44\text{m}^2$$



$$\text{area} = 2400 \times 1200 = 2,88\text{m}^2$$



$$\text{area} = 1200 \times 1200 = 1,44\text{m}^2$$



SlimPanel

Totem

SlimPanel totem is an acoustic supplement should the correction from the wall or ceiling panels be insufficient, or inexistent. Standing on the floor, it is lightweight and easy to move.

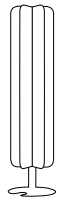
The organic shape of the lacquered steel base, its 8 slat fan in 1 or 2 alternating colours of your choice, make it a decorative functional object.

Compact with a small footprint make it ideal to place in corners or small spaces without hindering the circulation.

Option : two colours for slats.

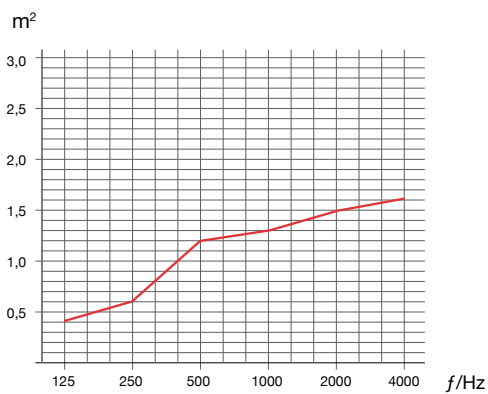


Format



400x1450

Acoustic values



Equivalent sound absorption area

— Totem 400 x 1450

1,33 m²

Frequency (Hz)	125	250	500	1000	2000	4000
Absorption area for 400 x 1450 mm totem	0.4	0.6	1.2	1.3	1.5	1.6

Download the brochure
and technical documentation
Order your free samples

on www.texdecor.com



texdecor

Publication date : September 2020
Texdecor, 2 rue d'Hem, 59780 Willems

Tel : + 33 (0)3 20 61 78 37 - Fax : + 33 (0)3 20 61 75 64 - www.texdecor.com

TEXSLPBASEBROEN

