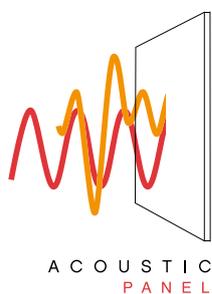


texdecor

Creator of decorative acoustic solutions



SlimPanel

Baffle

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

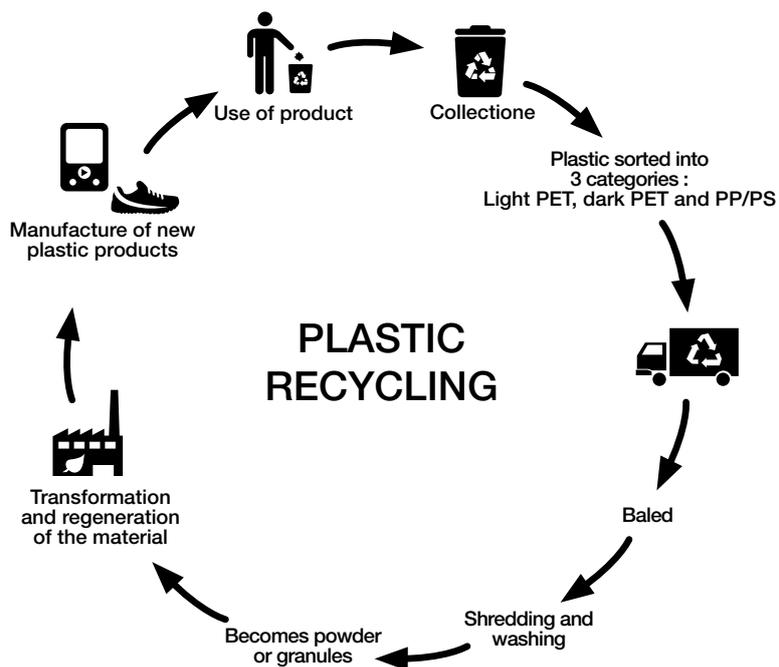
5 types of products available in 24 models of panels. A multitude of possibilities to create unique looks : combine the colours and formats to energise the space or choose a selection of neutral and discrete colours for a timeless, muted ambiance.

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



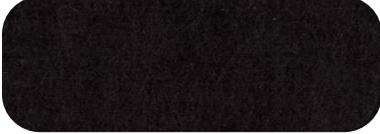
9162 11 56



9162 04 29



9162 05 61



9162 12 01



9162 05 33

* Backlighting option not available





SlimPanel

Baffle

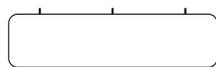
Hung by their edges, baffles are recommended for spaces where the ceilings have numerous suspended lights, technical or electrical ducts or a natural light source.

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.

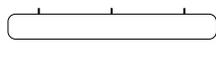
The baffle is comprised of two pieces with a 35mm plenum between them to improve the acoustic efficiency whilst reducing the overall dimensions of the baffle.



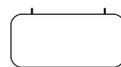
Formats



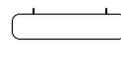
2200x570x55



2200x270x55

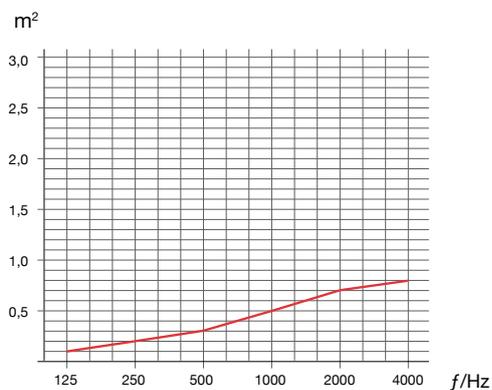


1200x570x55



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)

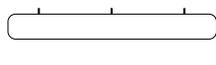
The height is adjustable so that it can become closer to the sound source to improve the acoustics and the area to be lit.



Formats



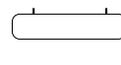
2200x570x55



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.

Download the brochure
and technical documentation
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on www.texdecor.com



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