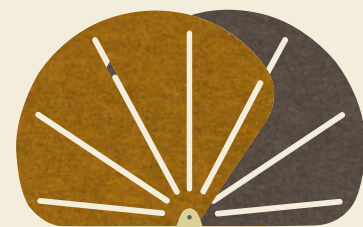


BUTTERFLY & SWELL

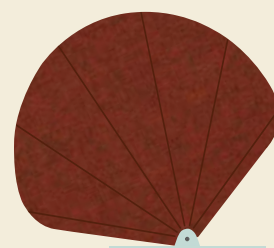
CAHIER TECHNIQUE

TECHNICAL SPECIFICATIONS





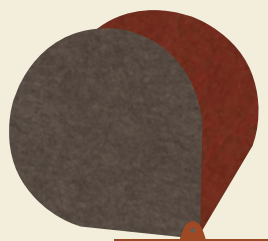
Machaon



Monarque



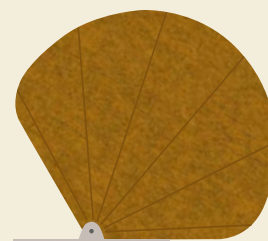
Bombyx



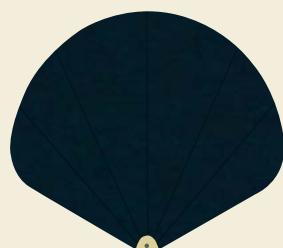
Apollo



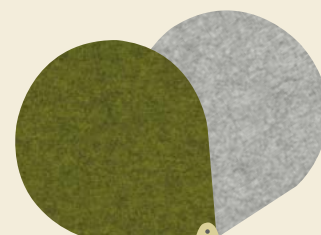
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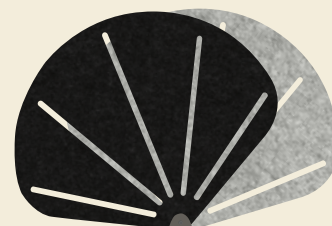
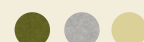
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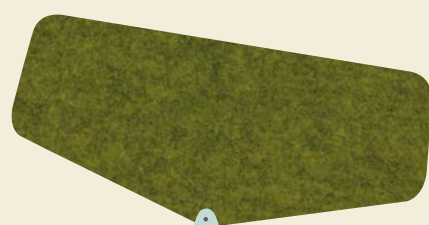
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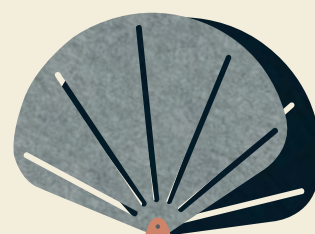
Apollo



Machaon



Bombyx



Machaon



Apollo



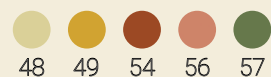
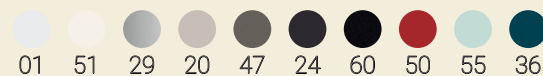
FINITIONS

Finishes

Feutre PET PET felt

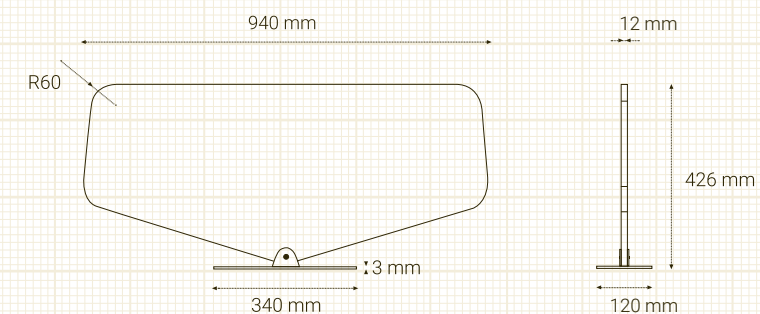


Acier thermolaqué Powder-coated steel

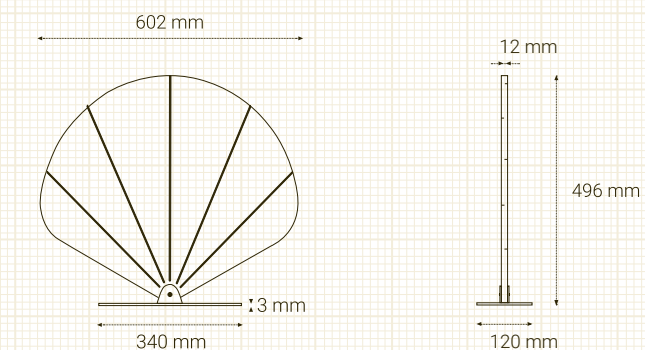


BUTTERFLY

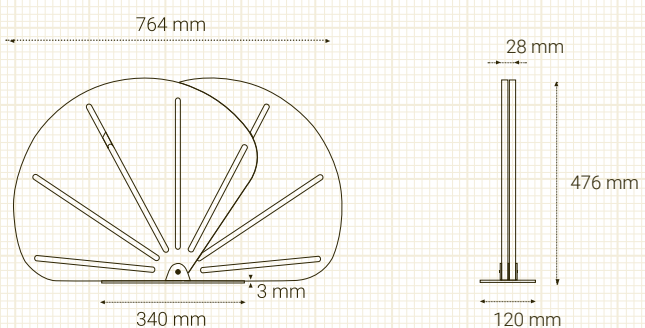
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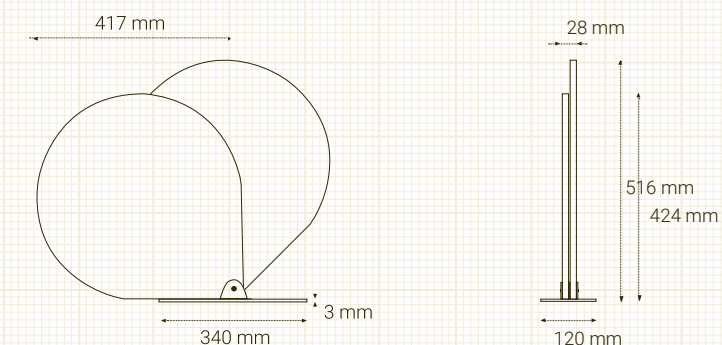
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Machaon



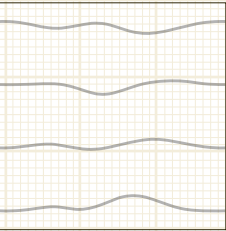
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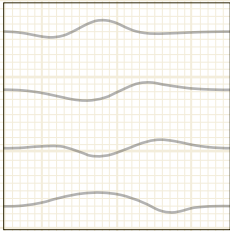
SWELL

MOTIFS

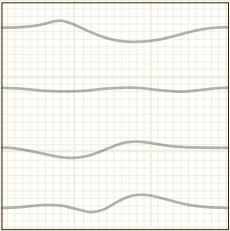
Patterns



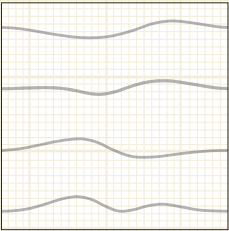
Swell 1



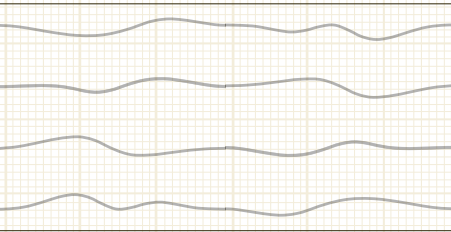
Swell 2



Swell 3



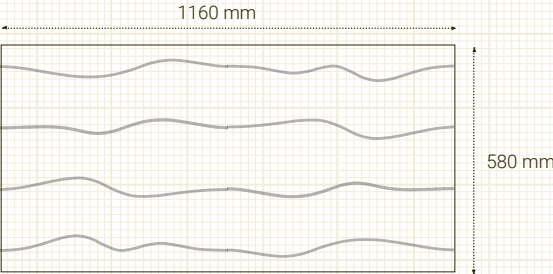
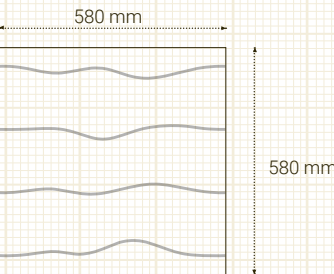
Swell 4



Swell 5

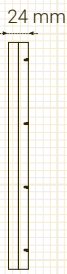
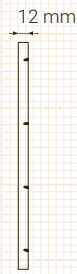
DIMENSIONS

Dimensions



ÉPAISSEURS

thickness

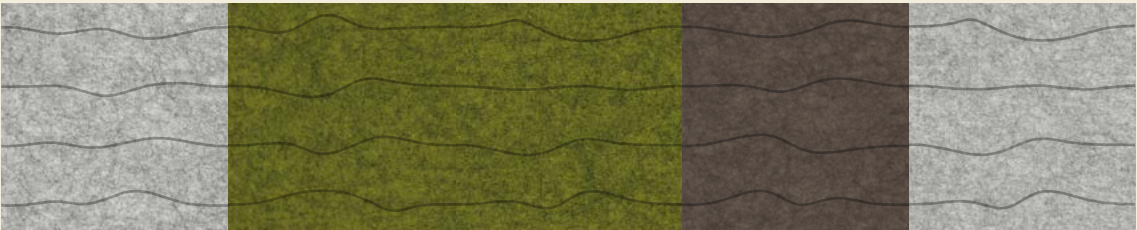


Panneaux adhésifs
adhesive-coated

FINITIONS

Finishes

Feutre PET PET felt



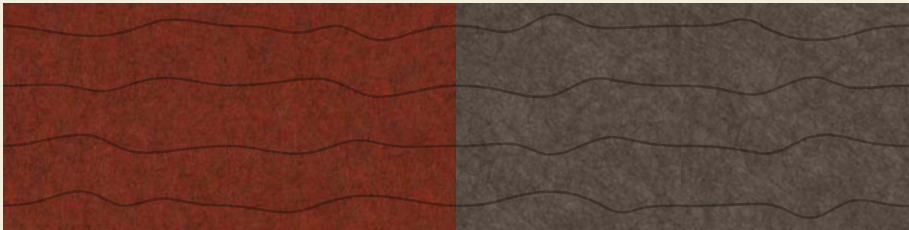
Swell 1

Swell 2

Swell 3

Swell 4

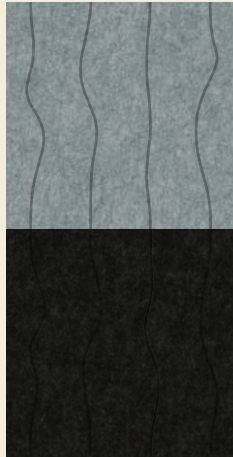
Swell 3



Swell 5

2

2

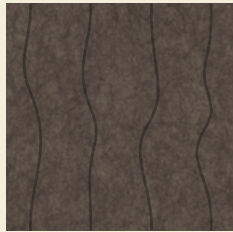


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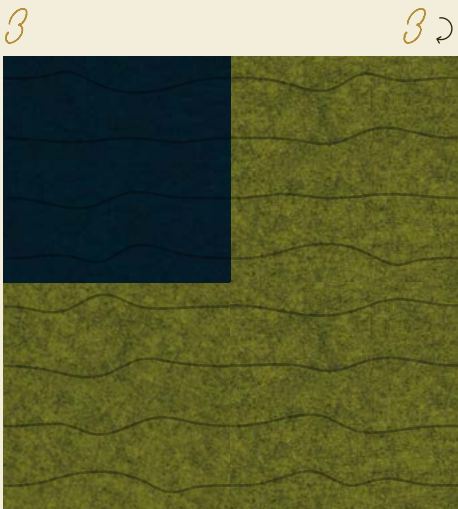
4



5



4



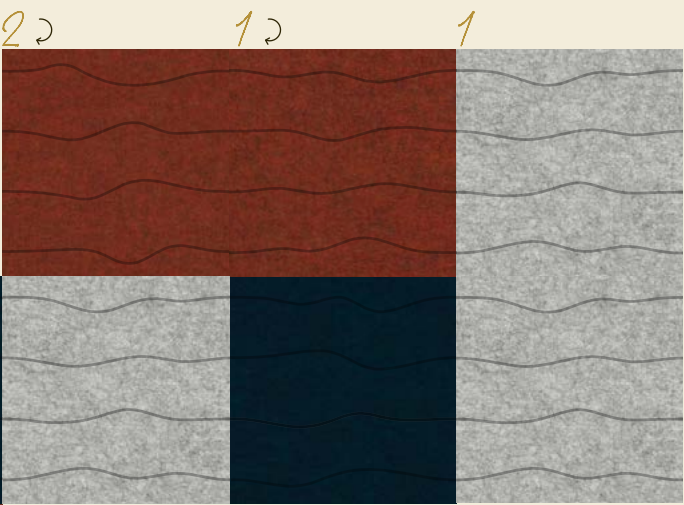
3

4



3

2



1

4

1

↻ tourné à 180°
turned 180°

↻ tourné à 90°
turned 90°

FEUTRE PET

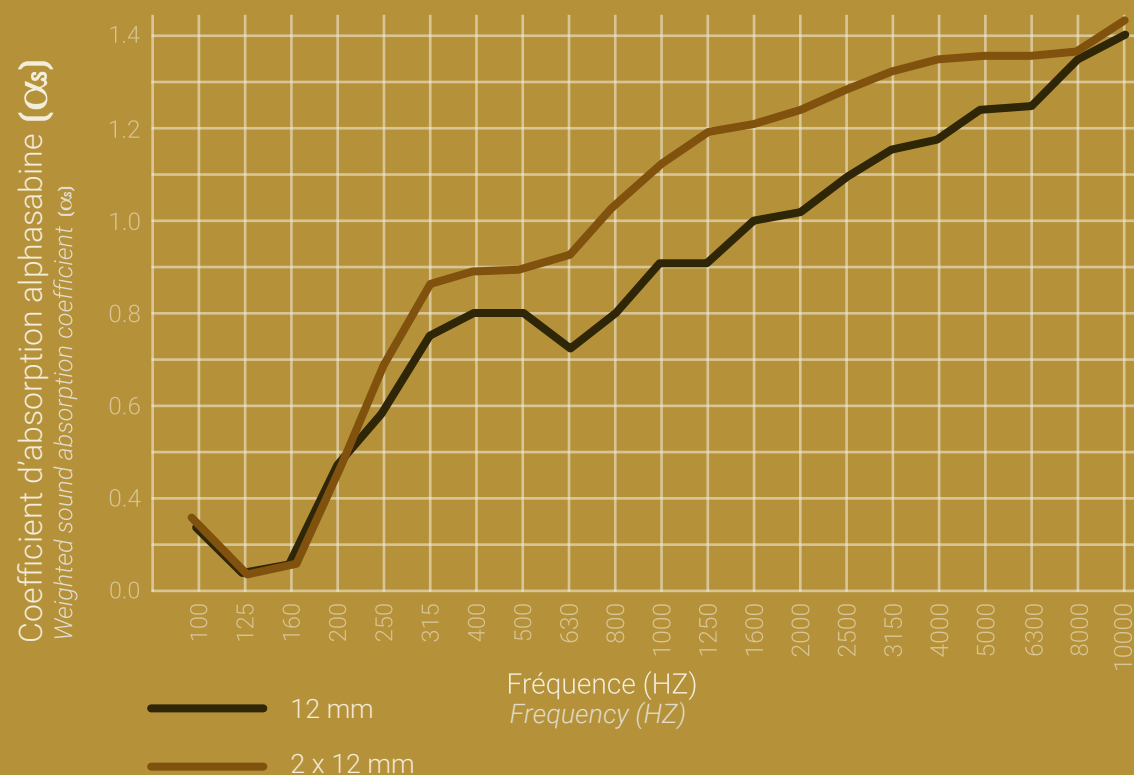
PET FELT

PERFORMANCES ACOUSTIQUES

ACOUSTIC PERFORMANCE

La structure fibreuse permet d'absorber et piéger le son de manière très efficace. Fortement compressés, les panneaux sont fins et très légers offrant des performances largement supérieures aux absorbants classiques à épaisseur égale.

The fibrous structure allows sound to be absorbed and entrapped very effectively. Highly compressed, the panels are thin and very light, offering, for the same thickness, much better performance than conventional absorbents.



Montage G300

Courbes issues du rapport CTTM n° A200173 du 26/05/2020. (Normes NF EN ISO 354 and NF EN ISO 11654)

Installation type G300

Curves taken from the CTTM report n° A200173 dated 26/05/2020. (NF EN ISO 354 and NF EN ISO 11654 standards)

Le coefficient d'absorption pondéré (aw) est exprimé à partir des résultats et sert de base pour déterminer les classes d'absorption.

Panneau épaisseur 12mm : aw = 0,85, classe acoustique B.

En moyenne, 85 % de l'onde sonore est absorbée.

Panneau épaisseur 2 x 12 mm : aw = 0,90, classe acoustique A.

En moyenne, 90% de l'onde sonore est absorbée.

The weighted sound absorption coefficient (aw) is calculated from the results and is used as the basis for determining the absorption categories.

12 mm thick panel: aw = 0,85, sound absorption class B

In average, 85% of released sound is absorbed

2 x 12 mm thick panel: aw = 0.90 sound absorption class A

In average, 90 % of released sound is absorbed.



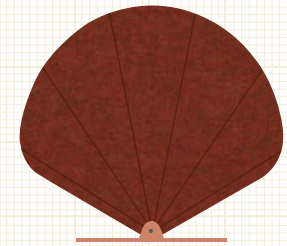
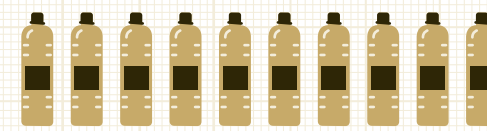
PERFORMANCES ENVIRONNEMENTALES

ENVIRONMENTAL PERFORMANCE

Le recyclage permet de valoriser nos déchets plutôt que de les éliminer.

Le feutre PET que nous utilisons est constitué à 50 % de fibres recyclées à partir de déchets tels que les bouteilles en plastique.

By recycling our waste, we can put it together to other uses, instead of just disposing of it. The PET felt that we are using is made of 50% recycled fibers from domestic wastes like plastic bottles.



INERTIE THERMIQUE HEAT REGULATION

Le feutre PET absorbe la chaleur et la restitue lorsque la température baisse, contribuant ainsi à une meilleure inertie thermique.

PET felt absorbs heat and releases it when the temperature drops, resulting in better thermal inertia.



QUALITÉ DE L'AIR AIR QUALITY

Le processus de fabrication et la nature des fibres garantit un très faible niveau d'émission contribuant à préserver la qualité de l'air pour un environnement sain.

The manufacturing process and the type of fibres guarantee a very low level of VOC emission that contribute to preserving air quality for a healthy environment.

PERFORMANCES TECHNIQUES

TECHNICAL PERFORMANCE



PUNAISABLE PINNABLE

La structure fibreuse permet de punaiser aisément sans altérer le matériau.

The dense structure allows for easy pinning without damaging the material.



RÉGULATION DE L'HUMIDITÉ MOISTURE REGULATION

La structure fibreuse du panneau assure une très bonne régulation de l'humidité sans aucun risque de moisissure.

The fibrous structure ensures very good moisture regulation without any risk of mould.



SOLIDITÉ À LA LUMIÈRE LIGHTFASTNESS

Le processus de teinture des fibres composant nos panneaux garantit une solidité à la lumière élevée.

The dyeing process of the fibres composing our panels guarantees a high resistance to light



RÉSISTANCE AU FEU FIRE SAFETY

Le feutre PET en épaisseur 12 mm est classé B-s1,d0 (EN 13501). Il est adapté aux normes de sécurité des IGH⁽¹⁾ et ERP⁽²⁾

The 12 mm thick PET felt, classified B-s1, d0 (EN 13501), is adapted to the safety standards of high-rise buildings and establishments open to the public.

1 Immeuble Grande Hauteur
2 Établissement Recevant du Public

