

## אריחים אקוסטיים תקרתיים דקורטיביים Stereo Panels



### Stereo panel's sizes

596 x 1,196 x 50 mm  
 596 x 1,796 x 50 mm  
 596 x 2,396 x 50 mm  
 1,196 x 1,196 x 50 mm  
 1,196 x 1,796 x 50 mm  
 1,196 x 2,396 x 50 mm

### Fire rating

– Europe B-s2, d0  
 – France M1- non dripping

Stereo Panels אריחים אקוסטיים משובחים, פטנט ייחודי של ספוג אקוסטי במעטפת בדים מרהיבים חסיני אש בעל מקדם בליעה רעש גבוה. ניתנים להרכבה ישירה על קונסטרוקציה קיימת או על מערכת תליה. ניתן לשילוב בין אריחים קיימים או כיישום תקרתי שלם.

Suspended in lines and attached together with steel brackets

Suspended in clouds\*

Suspended with vertical cable fixings

Suspended from horizontal cable fixings

Screwed to the ceiling / clipped to walls

Fitted to vertical metal surfaces with magnets

\*only for panels 596 x 1,196 x 50 mm and 1,196 x 1,196 x 50 mm

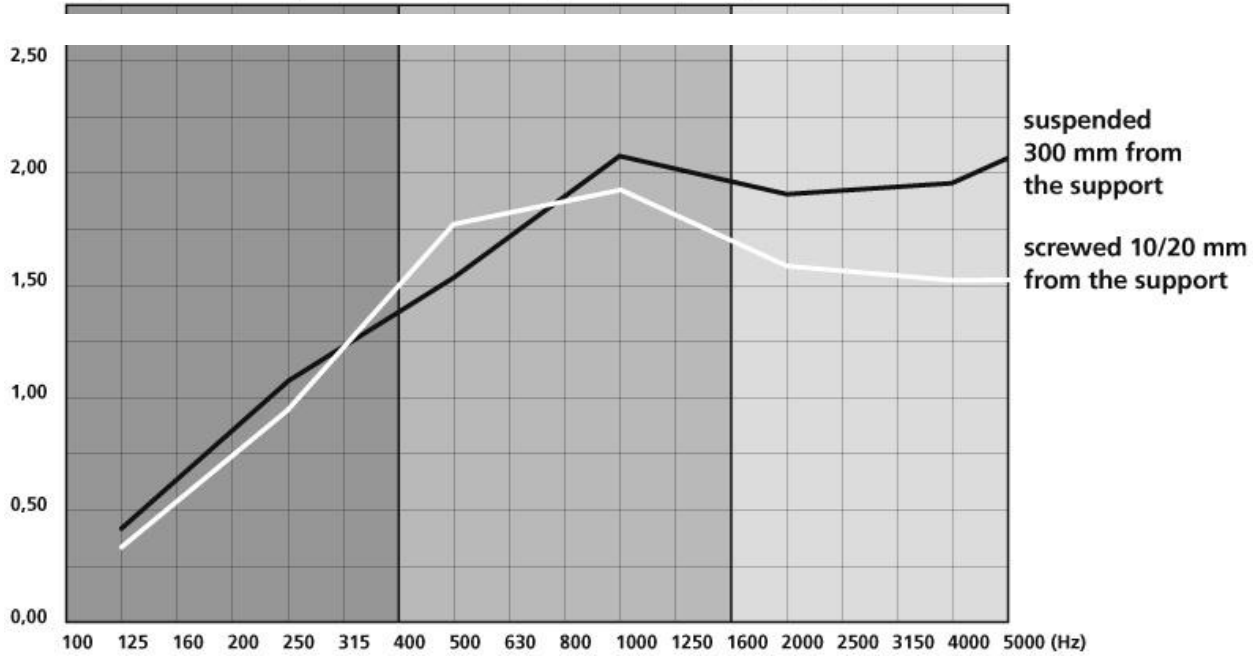
### Technical Features - the acoustic absorption consisting of:

- A metal frame,
- grey AN cellular foam,
- grey or black micro porous cloth,
- a removable cloth fitted cover on one face.

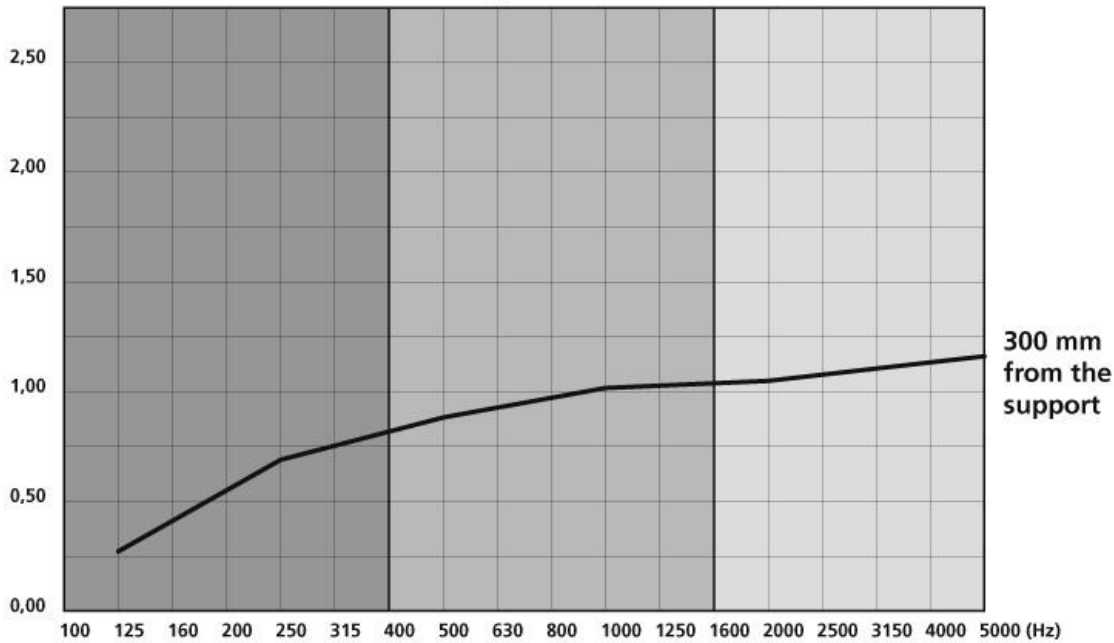
### Dimensions/weight/acoustics (to be specified)

| Dimensions            | Weight  | Equivalent absorption area of an object A (m <sup>2</sup> ) at medium frequencies |                         | NRC<br>as a "cloud" |
|-----------------------|---------|---|-------------------------|---------------------|
|                       |         | against the support   | 300 mm from the support |                     |
| ☐ 596 x 1196 x 50 mm  | 3,1 kg  | 0,87  | 0,98                    | 0.93                |
| ☐ 1196 x 1196 x 50 mm | 5,05 kg | 1,77  | 1,72                    | 0.93                |
| ☐ 1796 x 1196 x 50 mm | 7,03 kg | 2,54  | 2,36                    |                     |
| ☐ 2396 x 1196 x 50 mm | 9,13 kg | 3,18  | 3,30                    |                     |

Equivalent absorption area of an object  $A(m^2)$  – spacing 1,500 mm



$\alpha$  Sabine - clustered under a suspended frame



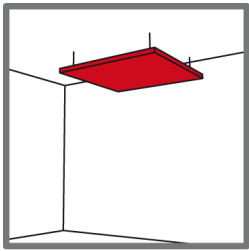
Test report available on request – Standard NF EN 20354/ISO 354.

When light fittings are embedded within a panel the acoustic performance may be reduced

| Frequencies (Hz)   | 125  | 250  | 500  | 1000 | 2000 | 4000 | 5000 |            |              |
|--|------|------|------|------|------|------|------|------------|--------------|
| <b>Panel one face 1,196 x 1,196 x 50 mm</b>                                    |      |      |      |      |      |      |      |            |              |
| Equivalent absorption area of an object A (m <sup>2</sup> ) – spacing 1,500 mm |      |      |      |      |      |      |      |            |              |
| – suspended 300 mm from the support  | 0,47 | 1,07 | 1,52 | 2,04 | 1,88 | 1,97 | 2,05 |            |              |
| – screwed 10/20 mm from the support  | 0,38 | 0,90 | 1,78 | 1,89 | 1,60 | 1,51 | 1,51 |            |              |
| $\alpha$ Sabine – in a cluster (floating cloud)                                |      |      |      |      |      |      |      | <b>NRC</b> | <b>class</b> |
| – 300 mm from the support  | 0,29 | 0,70 | 0,85 | 1,01 | 1,05 | 1,11 | 1,14 | 0,90       | A            |

## יכולות יישום

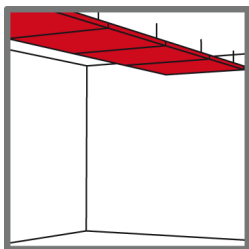
Suspended with vertical cable fixings



Each **Panel** rigid panel, fabric covered on one face, can be suspended horizontally from the ceiling using 4 vertical stainless steel cables (2 mm in diameter and 1,500 mm long) fitted with threaded end pieces (M6) and adjustable hooks.

- Option: custom-made to accommodate a light fitment
- Option: hole cut out for a wire to a light fitment (16 mm in diam.) – position to be determined.
- Option: cable length of 3,000 mm.
- Option: fabric covered upper face.

Suspended in lines and attached together with steel brackets



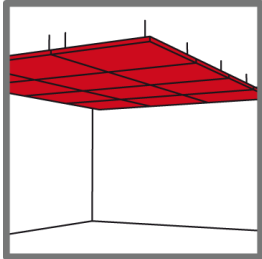
Each **Panel** rigid panel, fabric covered on one face, can be suspended from the ceiling in a horizontal line using vertical stainless steel cables (2 mm in diameter and 1,500 mm long) fitted with threaded end pieces (M6) and adjustable hooks.

The various panels are fastened together using steel brackets that reduce the number of cables required.

The position of suspension points is on side:  600  1,200  1,800  2,400 mm (specify).

- Option: custom-made to accommodate a light fitment

### Suspended in clouds

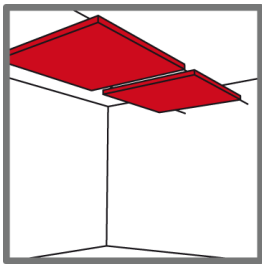


Each **Panel** rigid panel, fabric covered on one face, can be attached, using special hinges, to a metal frame suspended horizontally from the ceiling.

Each acoustic cloud consists of \_\_\_panels (specify).

- Option: custom-made to accommodate a light fitment
- Option: 100 mm sides to conceal the frame.
- Option: frame suspended using cables.

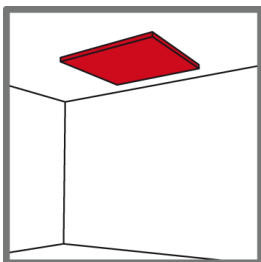
### Suspended with horizontal cable fixings



Each **Panel** rigid panel, fabric covered on one face, can be suspended from the ceiling using two, 3-mm diameter horizontal cables (not supplied), and 4 stainless steel cross-shaped cable clamps.

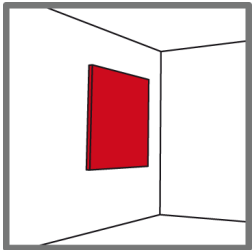
- Option: fabric covered upper face.

### Screwed to the ceiling



Each **Panel** rigid panel, fabric covered on one face, can be attached to two, 20-mm high support rails, screwed to the ceiling.

#### Clipped to the wall

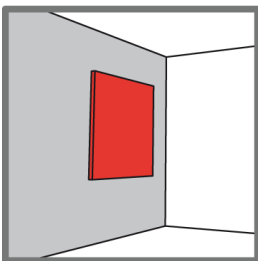


Each **Panel** rigid panel, fabric covered on one face, can be clipped to two, 10-mm high rails, screwed to the wall.

The rails must always be horizontal, and their position on side is:  600  1,200  1,800  2,400 mm (specify).

Option: panels arranged in clusters (in this case, the rails delivered are 3 m long).

#### Fitted to vertical metal surfaces with



Each **Panel** rigid panel, fabric covered on one face, is held against metal furniture or partitions by 8-mm thick magnets (4 or 6 magnets, depending on the size of the panels).