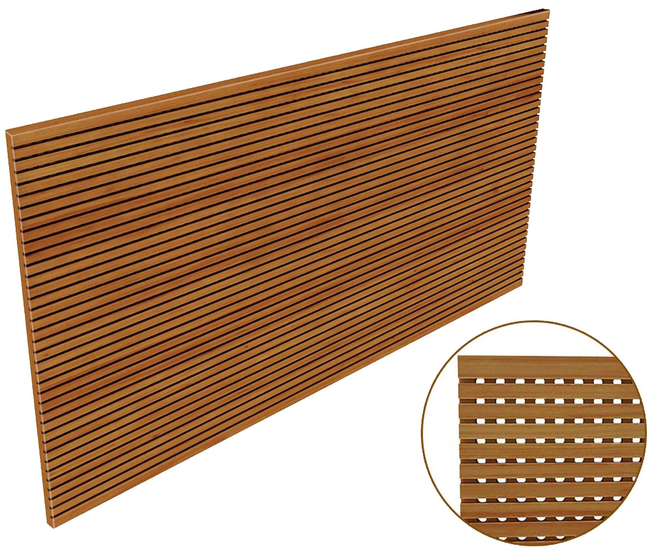
# Akustik Ahşap Panel (ESK 103-112)

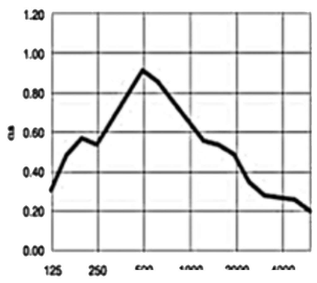
**Teknik Bilgi Sayfası**

*Mevcut mekânda oluşan değişken frekanstaki ses dalgalarının duvar veya tavan yüzeyine çarpması neticesinde rezonansa girmesini önleyici ve sesin net olarak duyulmasına imkân veren panel tamamen sürdürülebilir (geri dönüştürülebilir) malzemelerden üretilmektedir.*

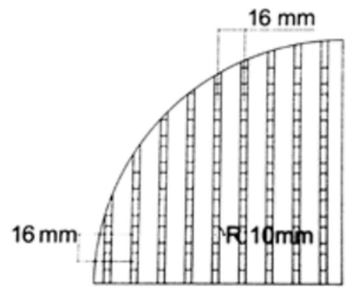
*Doğa dostu ve zararsız malzemelerden üretilen paneler, mekânın ses kalitesini artırırken şık tasarımları ile estetik kaygıların da önüne geçer.*

*Zengin renk seçenekleri ile her mekânda kullanıma uygundur.*



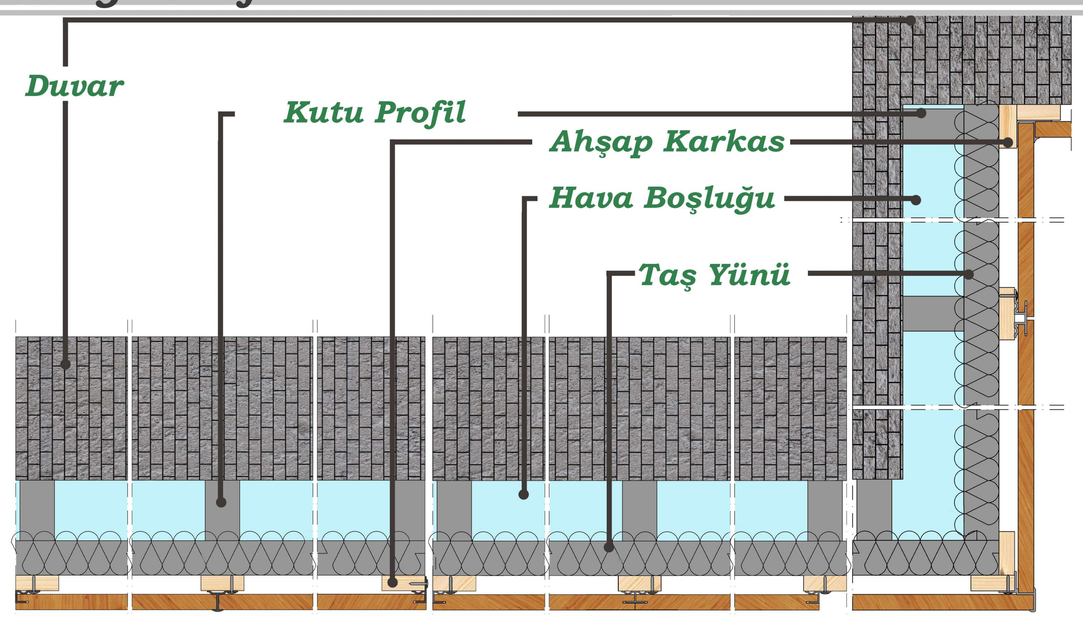



| Euro | NRC |
|---|---|
| C | 0.84 |



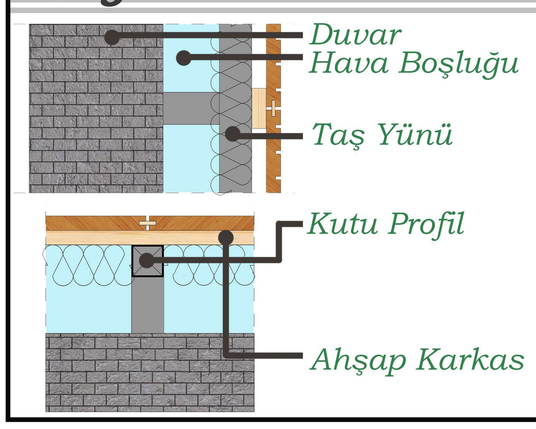

## Montaj Detayları (Duvar)

### *Omega Profil*

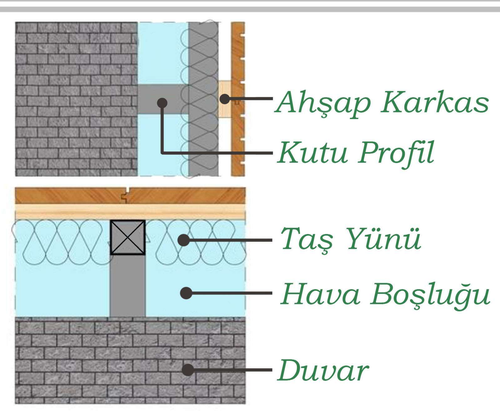



*Omega profil duvar paneli montajında kullanılabilir.*
*Beş farklı profil seçeneği mevcuttur. Aynı sistemin tavann paneli montajında kullanılması da mümkündür.*

### *Bağırsak*




### *Lamba & Zıvana*

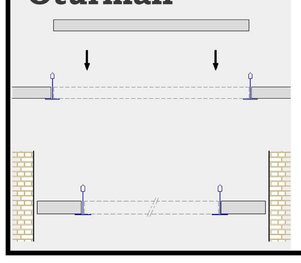



## Montaj Detayı (Tavan)

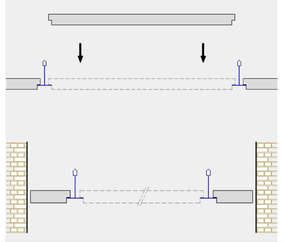
Tavan panellerimiz için klasik ve modern olmak üzere iki farklı taşıyıcı sistem kullanılır.

### Klasik

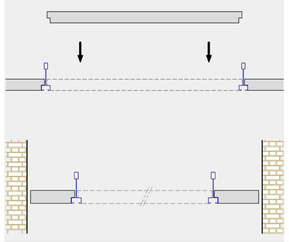
**Oturmalı**



**Sarkmalı**

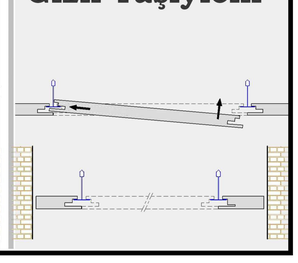


**Kanallı**



### Modern

**Gizli Taşıyıcılı**



## Ham Madde

750 kg/m³ yoğunlukta MDF ya da yangın dayanımlı MDF.

## ÖLÇÜLER (Tavan)

| Genişlik | Uzunluk | Kalınlık |
|---|---|---|
| **600 mm** | **600 mm** | **18 mm** |
| 517 mm | 1381 mm | 18 mm |
| 600 mm | 1200 mm | 18 mm |

## ÖLÇÜLER (Duvar)

| Genişlik | Uzunluk | Kalınlık |
|---|---|---|
| **517 mm** | **1381 mm** | **18 mm** |
| 133 mm | 2780 mm | 18 mm |
| 293 mm | 2780 mm | 18 mm |
| 517 mm | 2780 mm | 18 mm |
| 1029 mm | 2780 mm | 18 mm |
| 581 mm | 1180 mm | 18 mm |

## Ön Yüzey

-Çizgili
-Çizgi Merkezleri Arası Mesafe: 16 mm

## Çizgi Özellikleri

-Çizgi Derinliği: 6 mm
-Çizgi Genişliği: 2,**3**,4 mm

## Arka Yüzey

-4000 delik/m²
-Delikler arası mesafe 16x16 mm
-0,2 mm akustik kumaş kaplı

## Delik Çapları

-4 mm
-6 mm
-**8 mm**
-10 mm

## Yangın Dayanım Sınıfı

B s1 d0

## Kenar Detayları

Lamba & Zıvana, Klips Sistem, Bağırsak, Omega Profil

## Yüzeyler

MDF Lam, Doğal Kaplama, Yapay Kaplama, Lake Boya, Laminant Kaplama

## Akustik Performans

50 mm kalınlıkta 50kg/m³ yoğunlukta cam yünü veya taş yünü plaka ile kullanılmalıdır.

## Ham Madde Ölçüleri

2100 mm x 2800 mm ya da 1830 mm x 3660 mm

## Yaklaşık Ağırlık

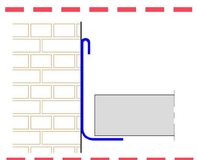
11-12 kg/m²

## NRC

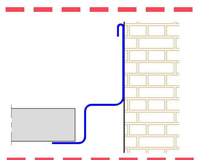
0,82 - 0,86

## Tavan Taşıyıcı Sistem Aparatları

Paneller T24, T15 ve T24 Gizli Taşıyıcı gibi T profillerle taşınabilirken lamba-zıvana sistemi ile de kullanılabilir.



**Köşeler**



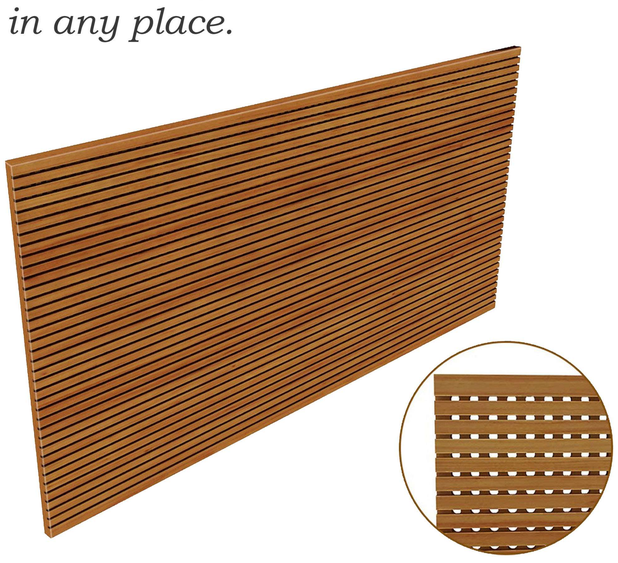
# Acoustic Wooden Panel (ESK 103-112)

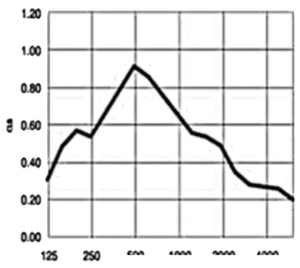
**Technical Data Sheet**

*This panel prevents the resonance caused by the collision of sound waves with variable frequencies in the existing space to the surface of the wall or ceiling and allows the sound to be heard clearly. It is produced from completely sustainable (recyclable) materials.*

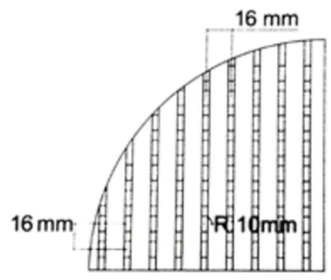
*Panels produced from nature-friendly and harmless materials not only increase the sound quality of the space, but also their elegant design takes precedence over aesthetic concerns.*

*According to the colors it has, it can be preferred to use in any place.*



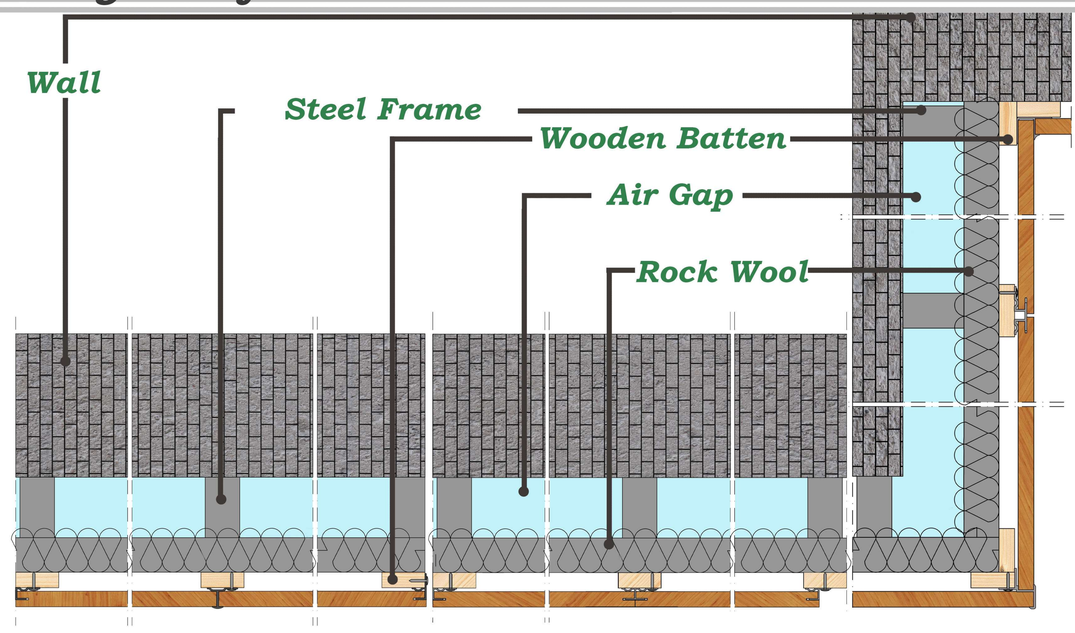



| Euro | NRC |
|---|---|
| C | 0.84 |



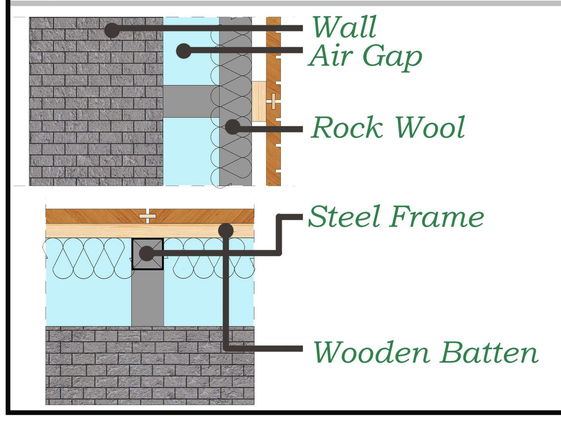

## Installation (Wall Panel)

### Omega Profile

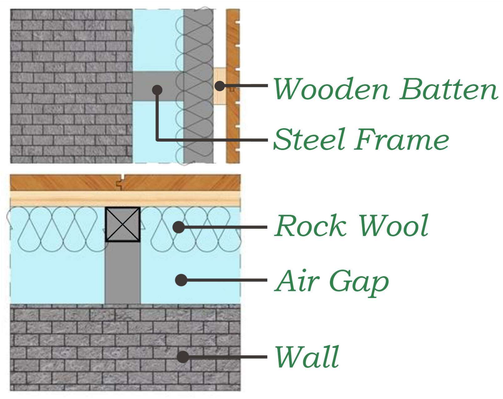



*Omega profile can be used to install panels on the wall. Five different options are available. It is also possible to use this system in the installation of ceiling panels.*

### Biscuit




### Tongue & Groove

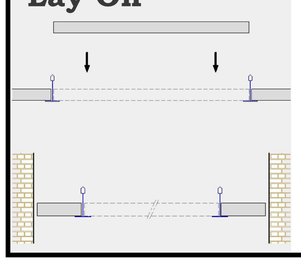



## Installation (Ceiling)

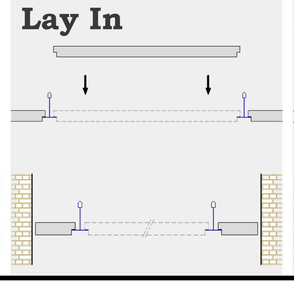
For our ceiling panels,we have two different carrier systems such as classic and modern.

### Classic

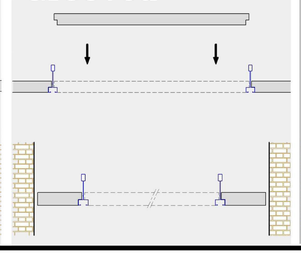
**Lay On**



**Lay In**

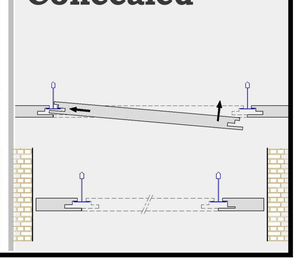


**Grooved**



### Modern

**Concealed**



## RAW Material

750 kg/m³ density MDF or Fire Reterdant MDF.

## DIMENTIONS (Ceiling)

| Width | Lenght | Thickness |
|---|---|---|
| **600 mm** | **600 mm** | **18 mm** |
| 517 mm | 1381 mm | 18 mm |
| 600 mm | 1200 mm | 18 mm |

## DIMENTIONS (Wall)

| Width | Lenght | Thickness |
|---|---|---|
| **517 mm** | **1381 mm** | **18 mm** |
| 133 mm | 2780 mm | 18 mm |
| 293 mm | 2780 mm | 18 mm |
| 517 mm | 2780 mm | 18 mm |
| 1029 mm | 2780 mm | 18 mm |
| 581 mm | 1180 mm | 18 mm |

## Front Side

-Grooved
-C/C Distance of Grooves: 16 mm

## Back Side

-4000 holes/m²
-Distance between holes 16x16 mm
-Covered with 0,2 mm acoustic fabric.

## Groove Features

-Groove Depth: 6 mm
-Groove Width: 2,**3**,4 mm

## Hole Diameter

-4 mm
-6 mm
-**8 mm**
-10 mm

## Fire Resistance Class

B s1 d0

## Edge Details

Tongue and Groove, Clips System, Biscuit, Omega Profile.

## Surface

Melamine, Natural Veneer, Engineered Veneer, Painted, Laminated

## Acoustic Features

It should be used with 50 mm tick, 50kg/m³ density glass wool or rock wool board.

## Board Size

2100 mm x 2800 mm or 1830 mm x 3660 mm

## Approximate Weight

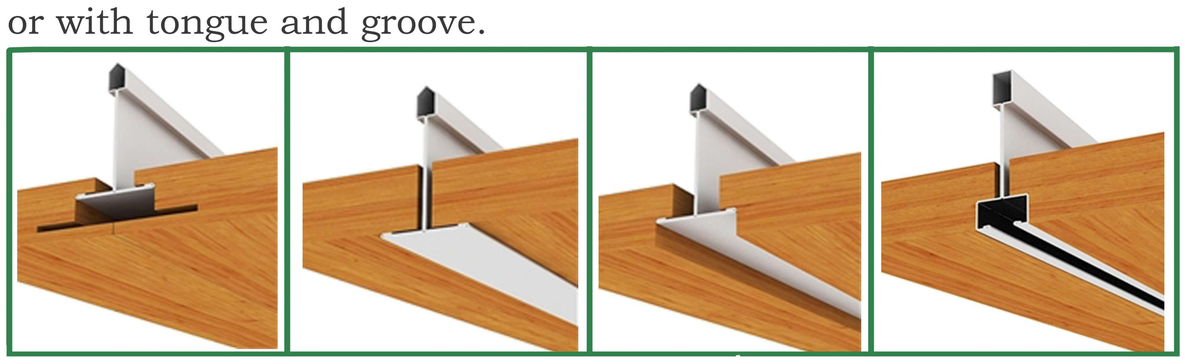
11-12 kg/m²

## NRC

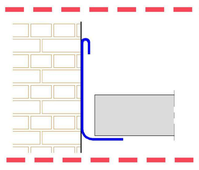
0,82 - 0,86

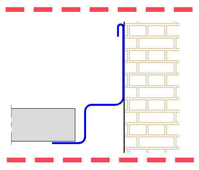
## Ceiling Application

Panel can be used with T bars such as T24, T15, *T24 concealed* or with tongue and groove.



## Corners



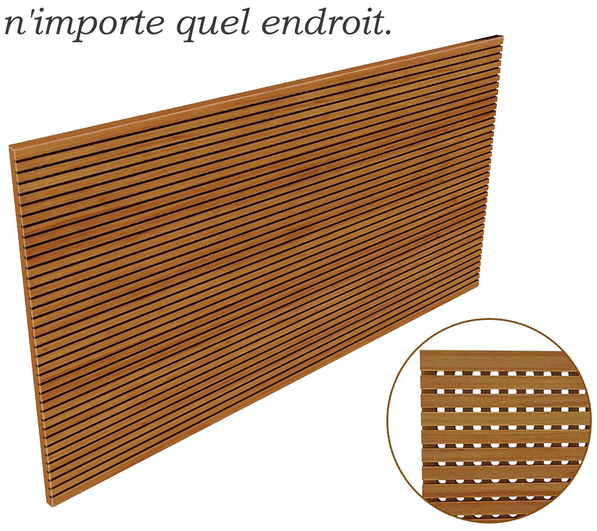


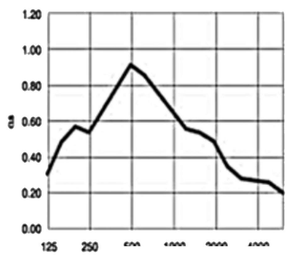
# Panneau Acoustique en Bois (ESK103-112)

Fiche Technique

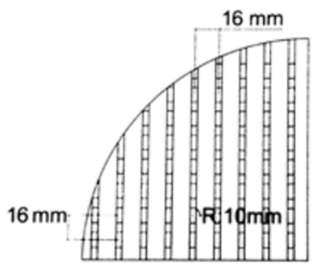
*Ce panneau empêche la résonance causée par la collision des ondes sonores de fréquences variables dans l'espace existant avec la surface du mur ou du plafond et permet au son d'être entendu clairement. Il est produit à partir de matériaux entièrement durables (recyclables).*

*Les panneaux fabriqués à partir de matériaux respectueux de l'environnement et non nocifs non seulement augmentent la qualité sonore de l'espace, mais leur design élégant prime également sur les préoccupations esthétiques. Selon les couleurs qu'il possède, il peut être préféré pour une utilisation dans n'importe quel endroit.*



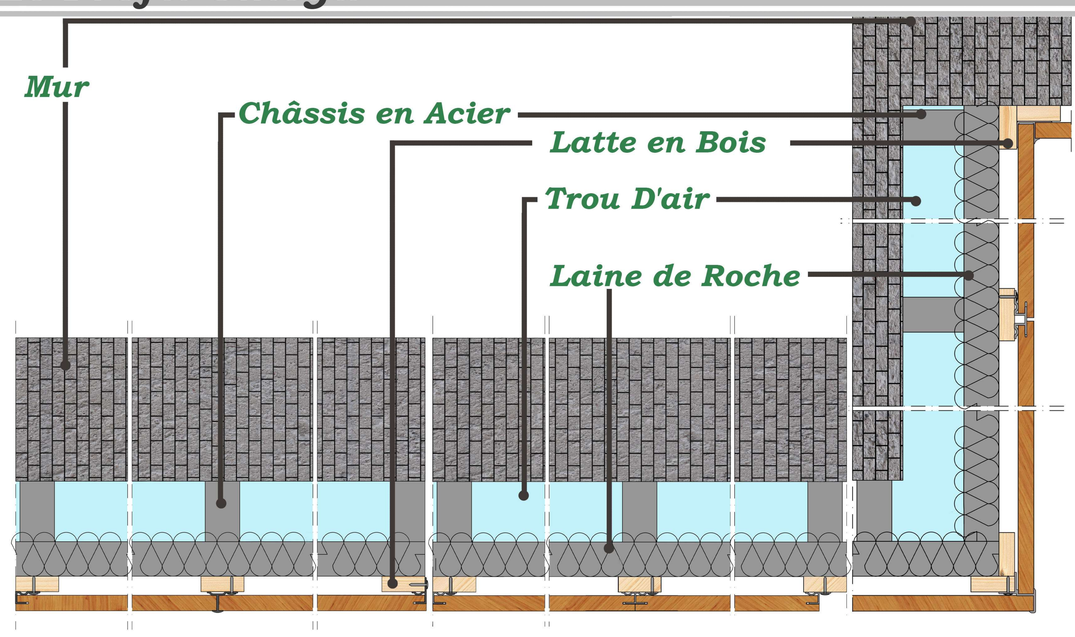


| Euro | NRC |
|---|---|
| C | 0.84 |



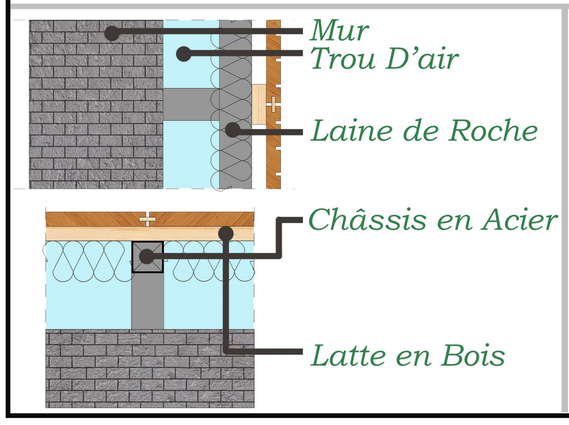

## Installation (Panneau Mural)

### *Le Profil Omega*

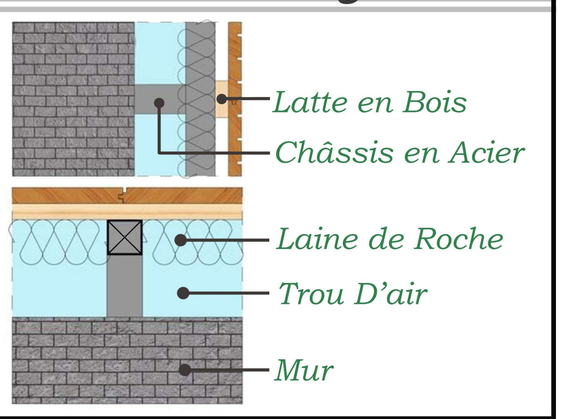



*Le Profil Omega peut être utilisé pour installer des panneaux sur le mur. Cinq différentes options disponible. Il est egalement possible d'utiliser ce système dans l'installation de panneaux de plafond.*

### *Biscuit*



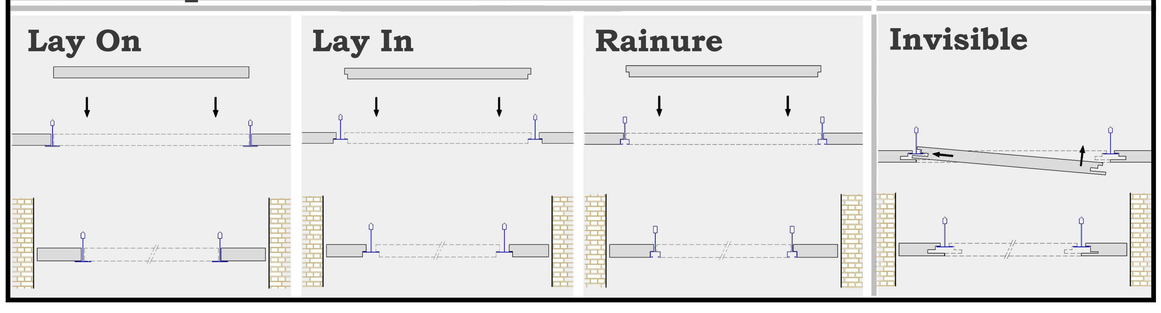

### *Rainure et Languette*




## Installation (Plafond)

Pour nos panneaux de plafond, nous avons deux différents systèmes porteurs tels que classique et oderne.

| Classique | | | Moderne |
|---|---|---|---|
| Lay On | Lay In | Rainure | Invisible |



## Matière Première

MDF d'une densité de 750 kg/m³ ou MDF ignifuge

## DIMENSIONS (Plafond)

| Largeur | Longueur | Épaisseur |
|---|---|---|
| **600 mm** | **600 mm** | **18 mm** |
| 517 mm | 1381 mm | 18 mm |
| 600 mm | 1200 mm | 18 mm |

## DIMENSIONS (Mur)

| Largeur | Longueur | Épaisseur |
|---|---|---|
| **517 mm** | **1381 mm** | **18 mm** |
| 133 mm | 2780 mm | 18 mm |
| 293 mm | 2780 mm | 18 mm |
| 517 mm | 2780 mm | 18 mm |
| 1029 mm | 2780 mm | 18 mm |
| 581 mm | 1180 mm | 18 mm |

## La Face D'avant

-Ligne
-Distance Entre les Centres des Lignes : 16 mm

## La Face D'arrière

-4000 trous/m²
-Distance entre les trous 16x16 mm
-Recouvert de tissu acoustique de 0,2 mm.

## Les Caractéristiques de Lignes

-Profondeur de Ligne: 6 mm
-Largeur de Ligne:2,**3**,4 mm

## Le Diamètre du Trou

-4 mm
-6 mm
-**8 mm**
-10 mm

## Classe de Résistance au Feu

B s1 d0

## Détails du Bord

Rainure et Languette, Système de Clips, Biscuit, Profil Omega

## Surface

Mélamine, Placage Naturel, Placage D'ingénierie, Peint, Feuilleté

## Les Caractéristiques D'acoustiques

Il doit être utilisé avec des panneaux de laine de verre ou de laine de roche de 50 mm d'épaisseur et d'une densité de 50 kg/m³.

## Taille du Tableau

2100 mm x 2800 mm ou1830 mm x 3660 mm

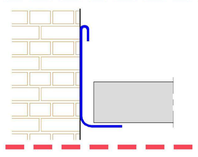
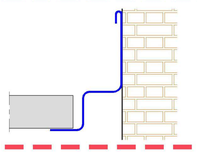
## Poids Approximatif

11-12 kg/m²

## NRC

0,82 - 0,86

## Application au Plafond

Le panneau peut être utilisé avec des barres en T telles que T24, T15, T24 invisible ou avec rainure et languette.

## Les Coins