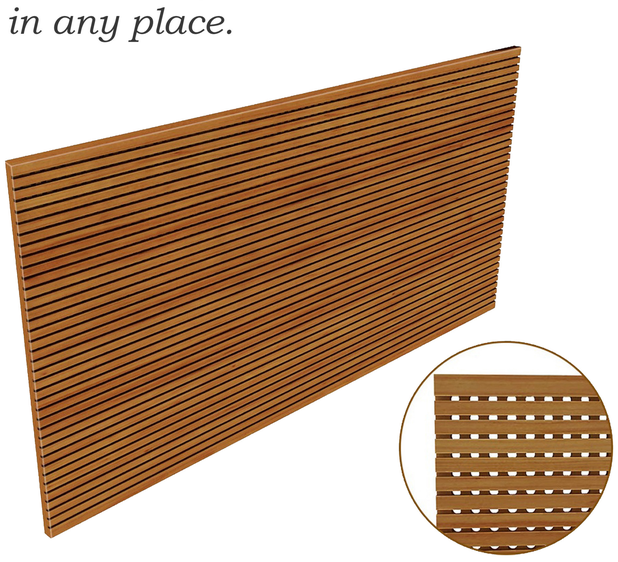
Acoustic Wooden Panel (ESK 103-112)

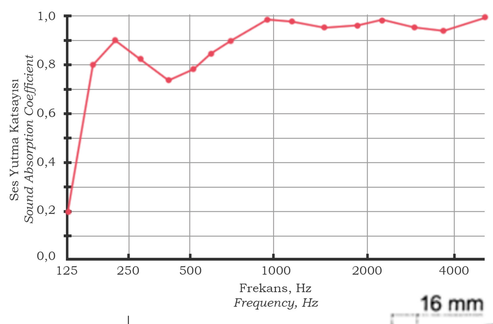
Technical Data Sheet

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.

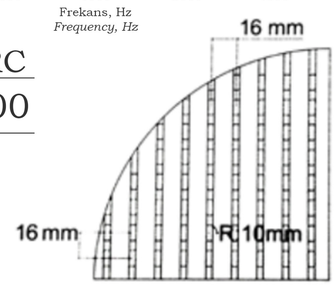
Panels produced from nature-friendly and harmless materials not only increase the sound quality of the space, but also their elegant design takes precedence over aesthetic concerns.

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



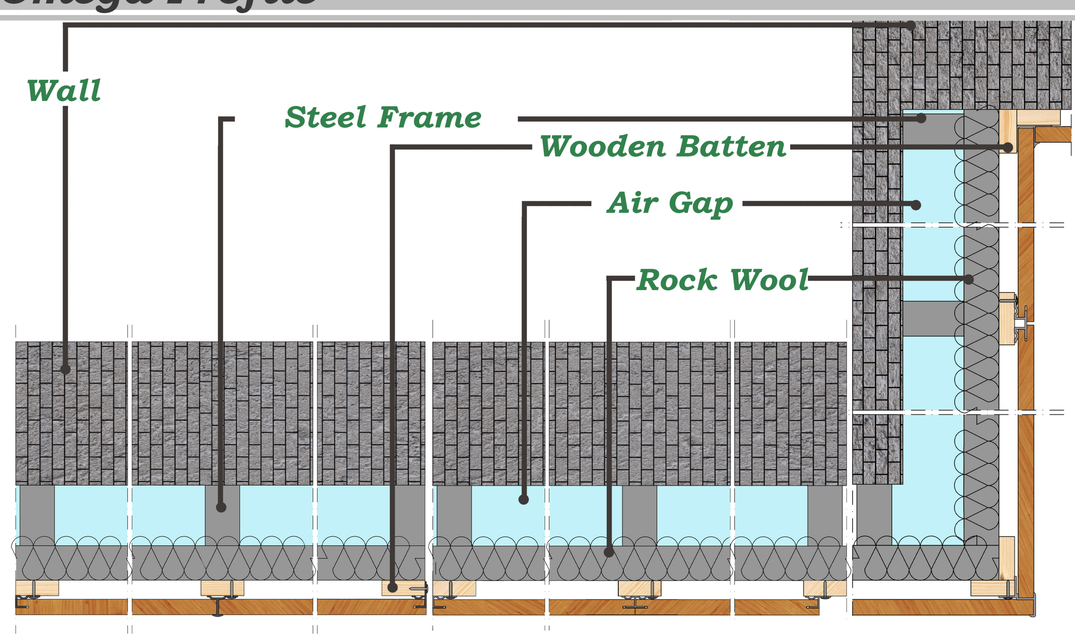


Euro	NRC
A	1,00



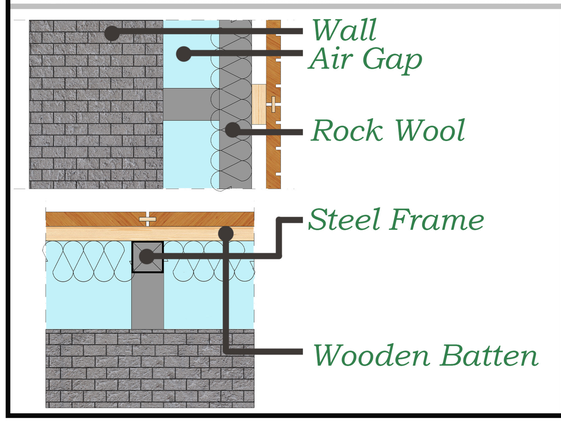
Installation (Wall Panel)

Omega Profile

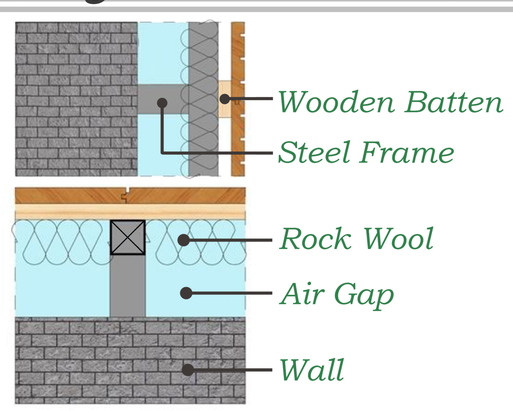


Omega profile can be used to install panels on the wall. Five different options are available. It is also possible to use this system in the installation of ceiling panels.

Biscuit



Tongue & Groove

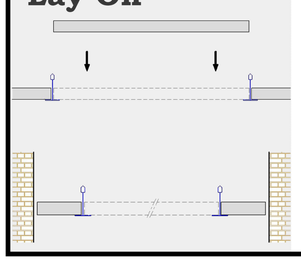


Installation (Ceiling)

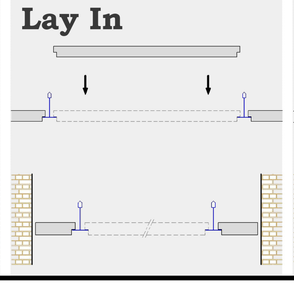
For our ceiling panels,we have two different carrier systems such as classic and modern.

Classic

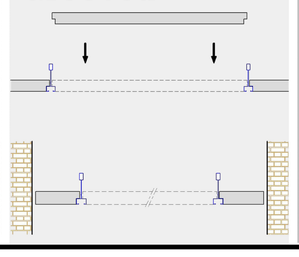
Lay On



Lay In

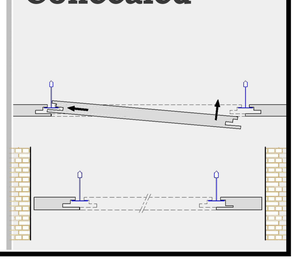


Grooved



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

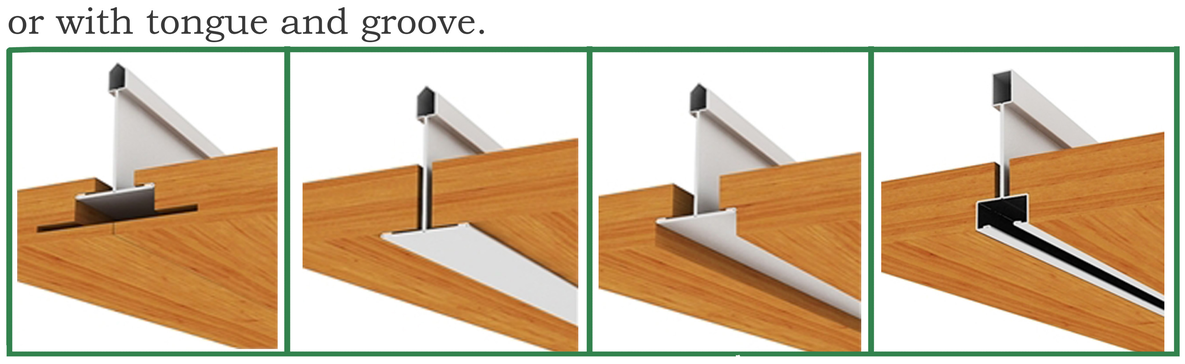
11-12 kg/m²

NRC

0,97 - 1,00

Ceiling Application

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



Corners