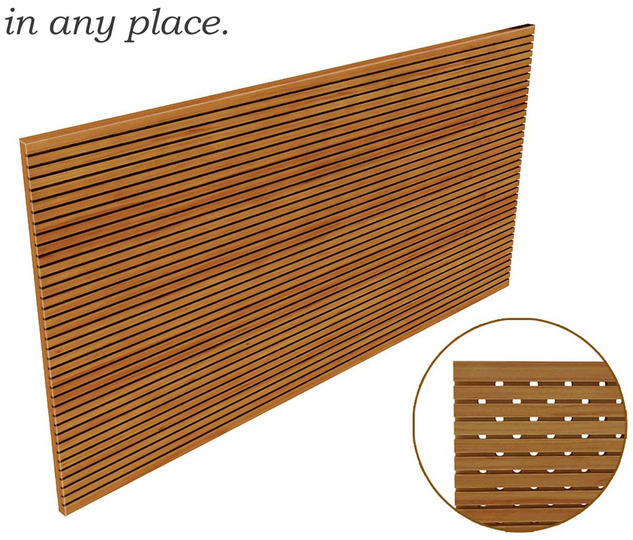
Acoustic Wooden Panel (ESK 102-112)

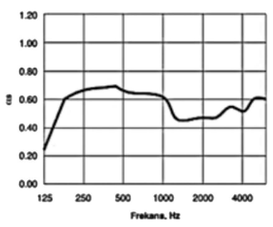
Technical Data Sheet

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.

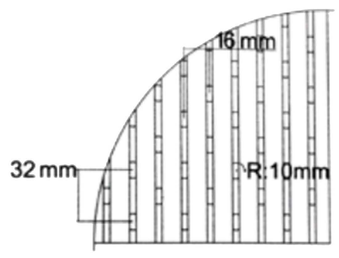
Panels produced from nature-friendly and harmless materials not only increase the sound quality of the space, but also their elegant design takes precedence over aesthetic concerns.

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



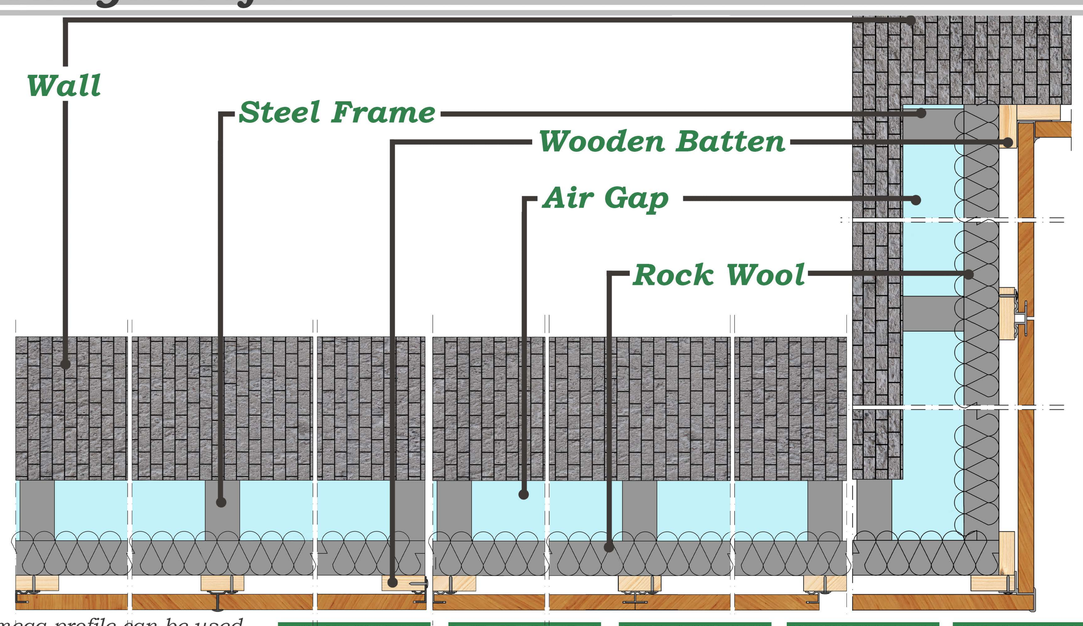


Euro	NRC
C	0.63

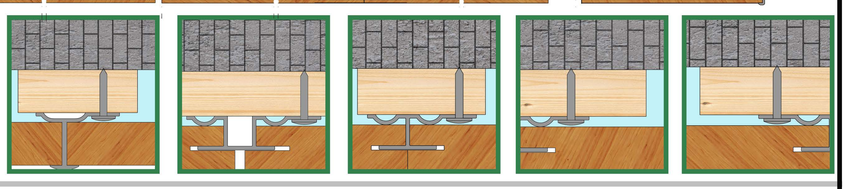


Installation (Wall Panel)

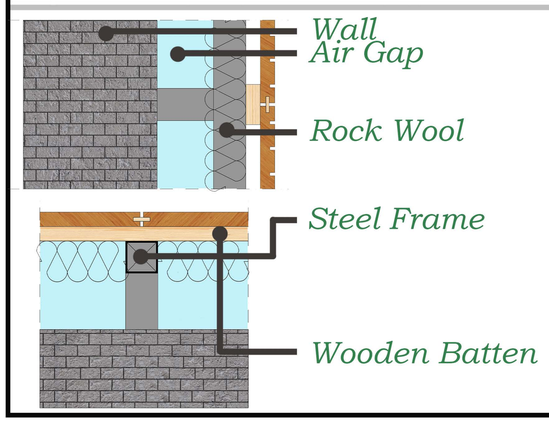
Omega Profile



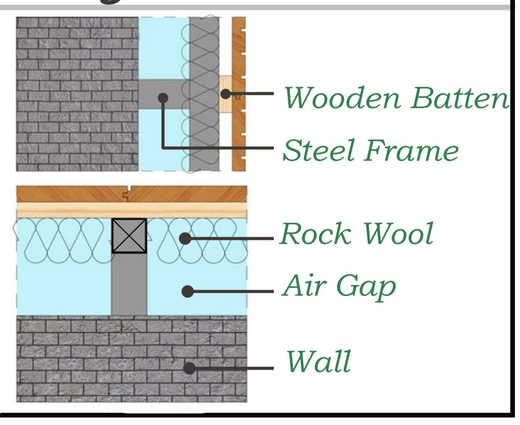
Omega profile can be used to install panels on the wall. Five different options are available.
It is also possible to use this system in the installation of ceiling panels.



Biscuit



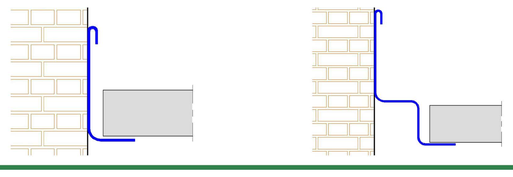
Tongue & Groove



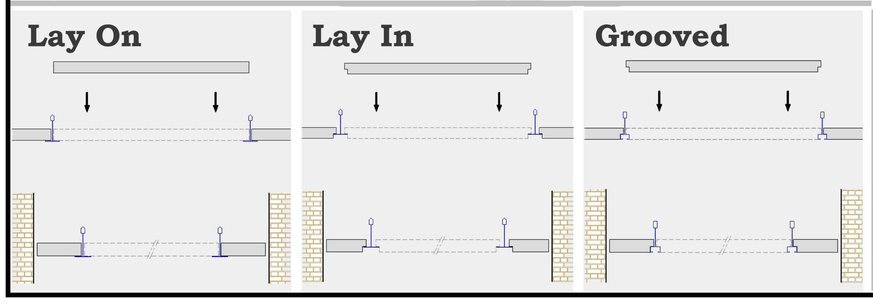
Installation (Ceiling)

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

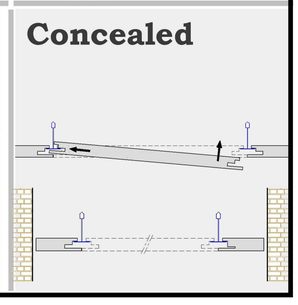
Corners



Classic



Modern



RAW Material

750 kg/m³ density MDF or Fire Reterdant MDF

DIMENTIONS (Ceiling)

Width	Lenght	Thickness
600 mm	600 mm	12 ,18 mm
517 mm	1380 mm	12 ,18 mm
600 mm	1200 mm	12 ,18 mm

DIMENTIONS (Wall)

Width	Lenght	Thickness
517 mm	1381 mm	12 ,18 mm
517 mm	2400 mm	12 ,18 mm
128 mm	2400 mm	12 ,18 mm
293 mm	2400 mm	12 ,18 mm
581 mm	1180 mm	12 ,18 mm
600 mm	1200 mm	12 ,18 mm

Surface

Melamine, Natural Veneer, Engineered Veneer, Painted, Laminated

Back Side

-2000 holes/m²
-Distance between holes 32x16 mm
-Covered with 0,2 mm acoustic fabric.

Front Side

Grooved, c/c distance of groves 16 mm

Hole Diameter

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

Groove Features

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

Fire Resistance Class

B s1 d0

Edge Details

Tongue and Groove, Clips System, Biscuit, Omega Profile

Acoustic Features

It should be used with 5 cm tick, 50kg/m³ density glass wool or rock wool board.

Board Size

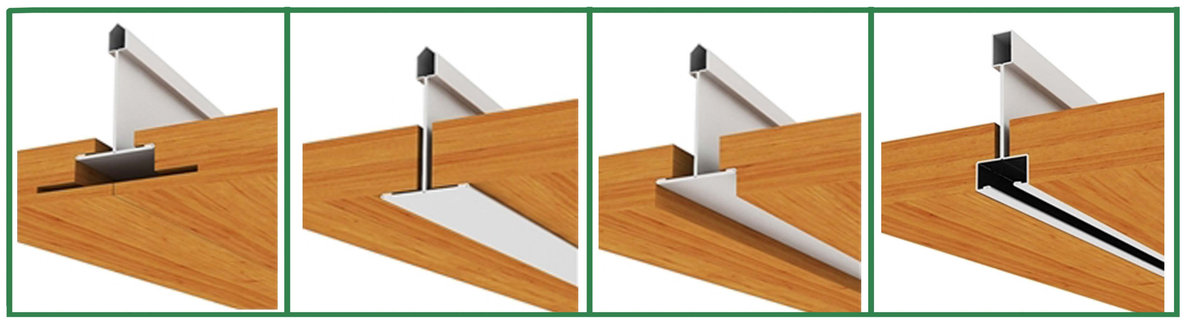
2100 mm x 2800 mm or 1830 mm x 3660 mm

Approximate Weight

11-12 km/m²

NRC

0,61 - 0,65

Ceiling Application

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