

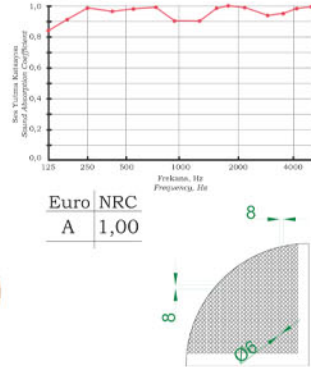
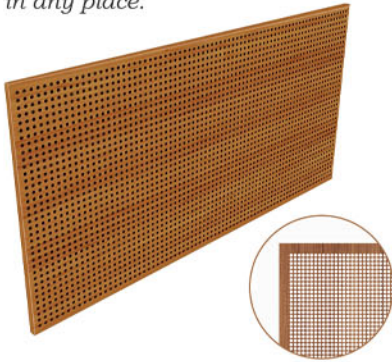
# Acoustic Wooden Panel (ESK 105)

## 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.

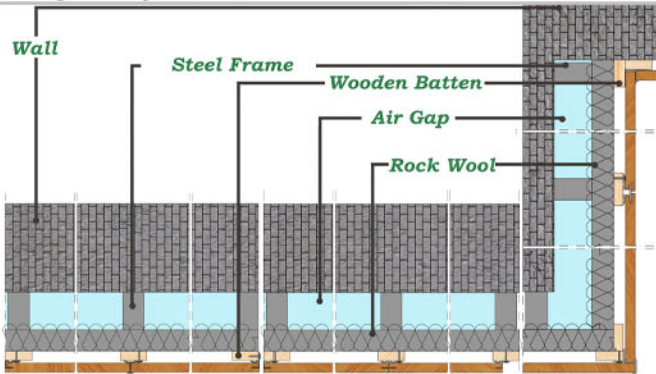
Panels produced from nature-friendly and harmless materials not only increase the sound quality of the space, but also their elegant design takes precedence over aesthetic concerns.

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



### Installation (Wall Panel)

#### Omega Profile

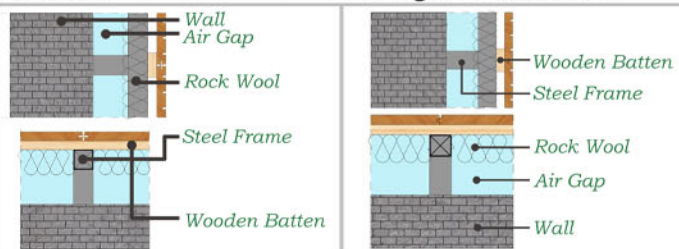


Omega profile can be used to install panels on the wall. Five different options are available. It is also possible to use this system in the installation of ceiling panels.



#### Biscuit

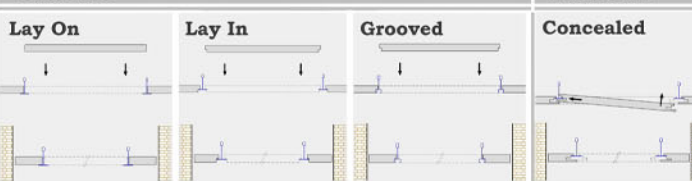
#### Tongue & Groove



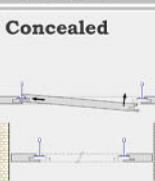
### Installation (Ceiling)

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

#### Classic



#### Modern



### RAW Material

750 kg/m<sup>3</sup> density MDF or Fire Retardant MDF.

### DIMENSIONS (Ceiling)

Width	Lenght	Thickness
600 mm	600 mm	8,18 mm
517 mm	1381 mm	18 mm
600 mm	1200 mm	8,18 mm

### DIMENSIONS (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

### Surface

Melamine, Natural Veneer, Engineered Veneer, Painted, Laminated

### Front Side

-16000 holes/m<sup>2</sup>  
-Distance between holes 8x8 mm

### Back Side

-Covered with 0,2 mm acoustic fabric.

### Hole Diameter

-2 mm  
-3 mm  
-4 mm  
-6 mm

### Fire Resistance Class

B s1 d0

### Edge Details

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

### Acoustic Features

It should be used with 50 mm tick, 50kg/m<sup>3</sup> 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/m<sup>2</sup>

### 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.

