



TRANQUIL[®] WOODLINE

Woodwool Acoustical Panels



Tranquil WOODLINE Acoustic Panels are a high-performance, eco-friendly acoustic panels.

These panels which are made of composed wood fibre, are exceptionally heat resistant and provide excellent noise reduction.

As a result, it is commonly used for acoustic treatment in areas such as walls and ceilings.

The eco-friendly wood-fiber panels not only add aesthetic flair to a space, but they also minimise echo and reverberation by absorbing sound.

The panels have the potential to improve the appearance and acoustics of any interior space.

MODEL DESCRIPTION



- ▶ The wood wool acoustic board has many outstanding features, like environmental friendly, fire retardant, sound absorbing.
- ▶ It is easy to cut, and can be colored in various colors.
- ▶ Silky texture on the surface, giving a raw and rough feeling, after installing can make the acoustic environment more close to nature.
- ▶ Fire Retardant: B1(B-s 1, d0)
- ▶ Environmental Performance: E1, can be directly applied in indoor decoration.
- ▶ Dimensions

Width (mm)	600/1200/1220
Length (mm)	600/1200/2400/2440 or customized
Thickness (mm)	12/15/25/35/50
Weight (KG/m ³)	300-330



BASIC MATERIALS



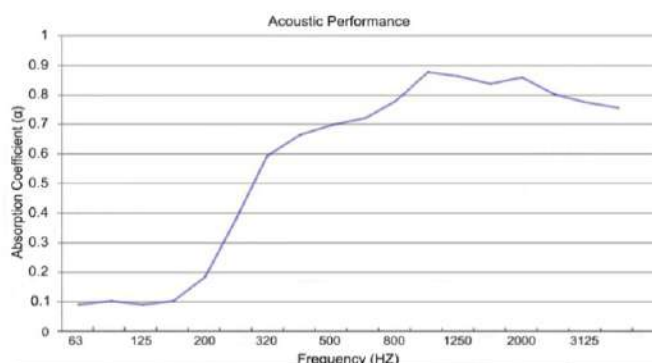
Ultrafine structure, 1.0 mm

- ▶ Base Material: Birch wood and Poplar wood
- ▶ Density: 300-330Kg/m³ or customized
- ▶ Finish: Customized color

ACOUSTIC PERFORMANCE

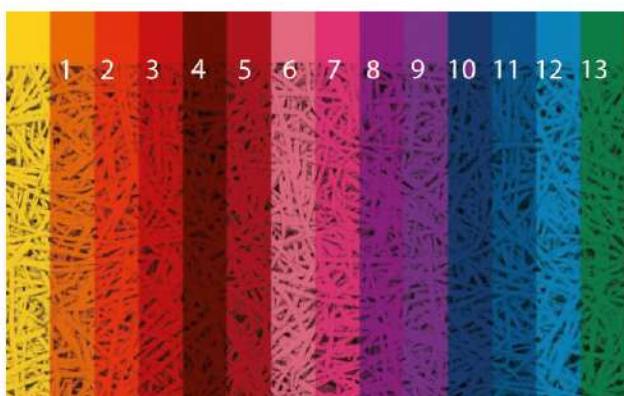
▶ TEST CONDITION

- 15mm wood wool acoustic panel
- Filled with 50mm 24kg/m³ acoustic cotton
- 50mm Space

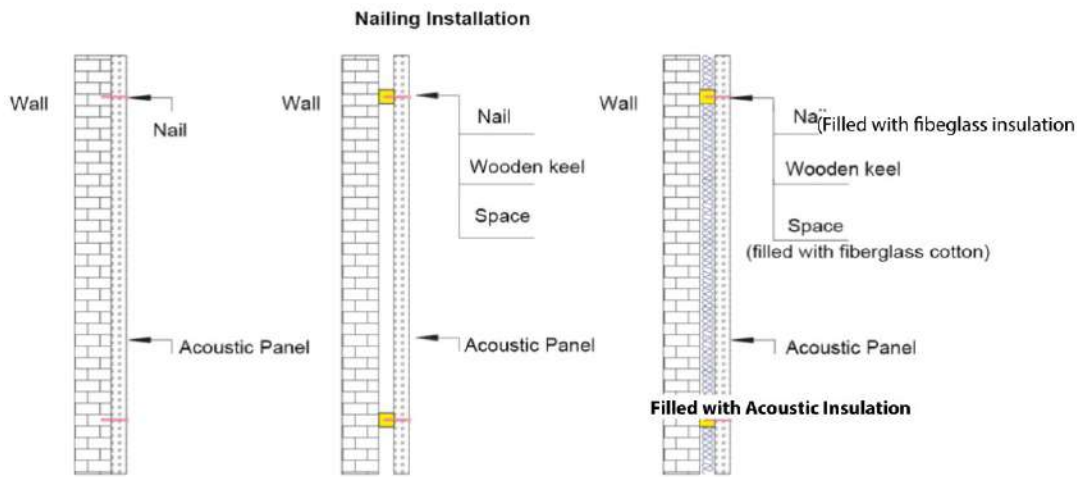


Frequency(Hz)	63	200	500	1250	3125	NCR
α	0.12	0.49	0.8	0.51	0.55	0.65

COLOR CHART



INSTALLATION OF WOOD WOOL ACOUSTIC PANEL



Directly to the Wall

With Air Chamber

Filled with Acoustic Cotton

PROJECT CASES

Application Place

Swimming Pool, Restaurant, Stadium, Auditorium, Multifunction room, Meeting room, Studio and any other places for high acoustic requirements.

