



TRANQUIL[®]

ECOWOOD

Method Statement – Tranquil ECOWOOD

Product	Tranquil Ecowood
Product Description	Laminated wooden slats with acoustic fleece on backside with circular holes in 10 mm dia
Dimensions	128 mm W x 2440 mm L x 15 mm thick
Accessories	Tranquil Ecowood fixing rails, Center clips, End clips, Screws, Adhesive spray.
Additional products based on architect specifications	Ecowool, Beadings
Tranquil Ecowood quantity in each box	9/10 Pcs – 30/33 Sft
Tools needed for installation	Plumb bob, cleaning brush, measuring tape, line marker, wooden cutting blades, drilling machine, blower and dry cloth.



● ECOWOOD Panels



● AL fixing rail,
center clips and end clips



● Ecowool

SURFACE PREPARATION

- > Clean the surface with wire brush or scrubber to remove hidden dirt, loose particles, laitance and dust. Degrease the surface by using suitable solvents.
- > If installation is on concrete surface, ensure concrete surface is cured properly, minimum 21 days.
- > Ensure no dampness or leakage on the wall or any substrate of Ecowood, so that product performance is not affected.
- > In case of Eco wood application is on Plywood, make sure that plywood is of marine grade and it is free from dirt grease or dampness.
- > Ensure the substrate is in smooth and applicable condition before application.
- > Check the plumb and mark the substrate for screwing of channels. Mark expansion joint areas as per standard requirements

PRODUCT PREPARATION

- > Moisture resistant Grade Ecowood only recommended for Indian humid weather condition.
- > As an inherent quality of wood, there will be expansion and contraction due to change in weather conditions hence expansion joints necessary in regular intervals (every 20 ft, 12 mm gap is required for expansion/contraction joints).
- > Open the box and allow the panels exposed for 48 hrs in room condition so that, the panels will expand or contract based on the environment.
- > Check for adequate quantity of end clips and channels as per installation requirements.
(In sqm, 2 end clips 18 center clips, 10 rft aluminum channel)
NOTE: End clips are fixed only at the bottom.
- > Ensure T Beadings, corner beadings, and End beadings as per design requirements. (Not included in the base product).
- > Check for Ecowool adequate quantity as per the requirement.

INSTALLATION

- STEP 1:** Fix the aluminum rails on substrate as per the lines marked on the substrate with screws- 2ft c/c distance across the length.
- STEP 2:** Install Ecowool / Glass Fiber rolls along the substrate on the channels by spraying adhesive on to surface.
- STEP 3:** Place the Ecowood on channels above Eco wool or directly as per architecture specification.
- STEP 4:** Start fixing the Ecowood from one corner so that cut sections can be at the end of installation.
- STEP 5:** Join Ecowood strips through tongue and groove system.
- STEP 6:** Ensure 12 mm expansion joint gap is maintained at every 6-meter length or as per architect specifications.
- STEP 7:** Excess area of Ecowood can be cut and removed properly with cutting tool.
- STEP 8:** Cover the Joints and corners and edges with beadings as per architectural drawing specifications
- STEP 9:** Surface area can be cleaned with dry cloth or gentle air blower can be used to remove the dust.
- STEP 10:** Ensure no nailing on Ecowood as it has to be installed through only tongue and groove system.





Fixing Details

The fixing rails need to be securely screw fastened to the structure. Insulation may be inserted between the rails to increase the acoustic performance if required. To increase the thickness of the cavity, timber battens of appropriate thickness will need to be installed first.

For panels installed horizontally, start from the lowest panel and work upwards.

COMPONENTS

Fixing Rail (Aluminium Extrusion) and self-tapping screws.



For fixing all subsequent panels (see below)

Install Fixing Rail to surface at 600mm centres



Position and fix the first panel using Starter Clips



INSTALLED IMAGES

ECOWOOD: IMAGE 1

