

# PLANK

INTERIOR  
WALL & CEILING  
ACOUSTIC WOOD VENEER PANELS  
NORTH AMERICAN SPECIFICATIONS

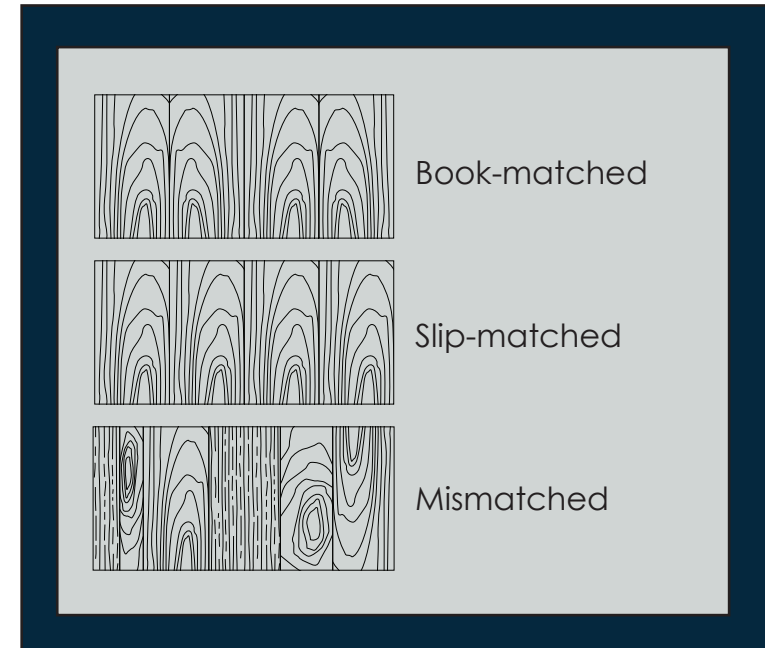
# TECHNICAL SPECIFICATIONS

## WOOD VENEER

Veneer is a natural product that is influenced by each individual tree's reactions to soil composition, geographic location, and various growing conditions throughout its life. This means natural patterns, markings, and knots are seen differently in each log. The view-side of the panels are finished with a top-quality, hand-selected veneer. We have over 24 wood species available in stock and others available upon request. Our standard veneer layout is mis-matched/colour-matched to ensure the least amount of waste is involved and achieves the most natural product visually.

## MATERIALS

- Face: Sliced Real Wood Veneer, 0.6mm  
Quality A or as specified  
*\*FSC Certified wood veneers available*
- Finish: UV Premium Interior Lacquer - Clear Matte
- Base: Fire Retardant MDF, 12 kgs/m<sup>2</sup>  
*(Moisture Resistant NAUF and Coloured options available)*
- Back: Blind Veneer for balance
- Core (optional): 25mm acoustic core can be installed behind PLANK panels to maximize acoustic performance  
*Acoustic core and furring are provided as separate items typically by others*



## ADDITIONAL FACE FINISHES AVAILABLE

- Engineered Veneers
- Cork
- Colour Lacquer/"Wash"
- Custom Staining
- Wire Brushing
- Pantone, RAL, NCS Colour Matching
- HPL-High Pressure Laminate

# TECHNICAL SPECIFICATIONS

## TYPE

**PLANK** wood veneered acoustic panel for interior application.

## ACOUSTICS

NRC as high as 0.70 according to installation methods. Eomac Acoustic Product Data available by request.

## PERFORATIONS

Typically provided non-perforated.

Available with Nano (*aka mini micro*) perforations, 0.5mm, center-to-center 1.9mm. Perforations are to the edge of panel.

## STANDARD DIMENSIONS *(custom widths available)*

Thickness:	17mm
Size (L x W):	2480mm x 65mm
	2480mm x 95mm
	2480mm x 120mm
	2480mm x 150mm
	2480mm x 200mm

## MOUNTING & REVEAL

**eomac** screw clips available for timber/metal furring. **eomac** turn clips available for installation to heavy gauge T-grid.

Hairline (+/- 1mm), 5mm, 10mm, 15mm, 20mm, and 30mm reveal options available.

## FLAMMABILITY

Fire test data performed by independent laboratories. Support documentation available upon request.

Note that all data provided is for typical usage. **eomac** is adaptable to other situations and custom applications.



CANADA:	CAN/ULC-S 102
EU:	EN 13501-1: Class B, s2, d0
USA:	ASTM E-84: Class A
	NFPA 265; UBC 8-2: Passes

## STORAGE & HANDLING GUIDELINES

All veneered wood panels/elements should be stored in a dry interior location and shall remain in the original packaging before installation and avoid damage. Never stack pallets of wood panels on top of each other. The panels/elements are packed on wooden pallets and should be stored in a conditioned space. Do not store in unconditioned spaces with humidity level more than 50-65% and no more than +/- 15% fluctuation within a 24-48 hour period. Store the panels in a room with the temperature between 16°C to 22 °C / 61 °F to 71 °F. These temperatures and humidity conditions must be met throughout the lifetime of the panels. Use proper care when handling to avoid damage. Never store the panels directly on the floor.

### SITE CONDITIONS

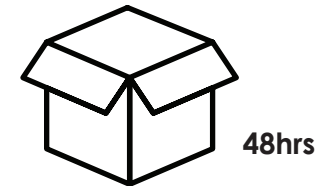
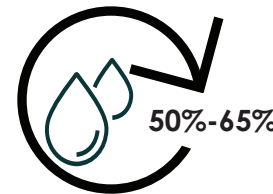
The site location where the panels will be installed should be free of construction dust and debris. All wet work such as plastering, concrete, and painting is required to be completed and dried. The panels are produced for interior usage. Before the installation, the black plastic foil around the wood panel elements needs to be removed at least 48 hours before installation to let the panels acclimatize. A conditioned space means all doors and windows must be installed, temperature must be between 16°C - 22 °C / 61°F - 71°F, and consistent humidity levels not higher than 50-65% with no more than a 15% fluctuation within a 24 hour period.

### DISCLAIMER

Wooden products are a natural building material and they will react to changes in humidity. Wood by its nature could slightly expand as a result of a changing environment. Wood may also have a tendency to warp, twist or bow due to natural tension in the components and changes in humidity and/or temperature. Be aware of these natural tendencies when installing the panels. Colour variations, grains, or other natural characteristics are some of the reasons that a natural product is chosen and can never be a valid reason for complaint.

### CLEANING RECOMMENDATIONS

eomac acoustic wood panels can be cleaned with a soft, dry cloth.



16-22 °C

61-71 °F



Fragile

## INSTALLATION GUIDELINES

- Prior to installation, **PLANK** should be acclimatized for a minimum of 24-48 hours.
- Installation of **PLANK** can start only in a controlled environment when temperature and humidity conditions have reached the standard occupancy conditions.
- Humidity should not exceed 65%.
- Veneer is a natural product with natural colour and structure variations. As such it is advised that **PLANK** panels be sorted before assembly to ensure uniformity.
- Panels to be installed on heavy gauge T-Grid or metal/timber furring spaced according to panel sizes.
- Prior to mounting panels, ensure furring is plum and level.
- Secure panels with manufacturer-supplied clips at T-Grid/furring points along the mounting groove no less than 300mm from the ends, and 600mm along their lengths.
- It is recommended to leave a 2 mm gap between panels, which meet at short ends, to allow for potential expansion/contraction, as new construction settles.
- **eomac Acoustic Wood** panels to be installed by qualified installers only.
- The methods described in this document are provided as guidance only. Relevant national building and installation codes should be strictly followed and take precedence.
- **eomac** is not responsible for any damage or deficiency caused by improper installation.
- A typical detail drawing package is available for each project upon order.



**We reserve the right to update information regularly.  
For more information on PLANK, please contact us.**