

Ply CD F7 12mm Clad-150 UT & LOSP H3



Edge Sealing

Moisture penetrates plywood faster at the edges and ends, so it is important to seal them. Using an edge sealer helps keep the panels' moisture levels stable after installation.

Surface Preparation

Ensure panel surfaces are clean, free of dirt or loose fibres.

Apply finishes soon after installation, following the manufacturer's instructions and suitable weather conditions. Use high quality finishes at the recommended coverage. Rough or sawn surfaces may require up to twice the finish of smooth surfaces. Apply the first coat with a brush and back brush or roll sprayed coats while wet. Subsequent coats can be applied normally

Internal Grade: BC Deco (Face Grade) is clear with Limited permitted wood patches

Colour: Pale to light brown with green

Cladding Texture: Fine sawn veneer with a long edge shiplap. Once sealed and painted, it provides a clean, modern and contemporary look. It works well for board and batten designs.

Cladding Deep Groove Texture: Stagwood Deep Groove features a fine sawn face, the same shiplap joint system and a deep 9x6mm groove at 150mm centres for a classic ply cladding style.

Structural Rating: F7 AS/NZS 2269

Glue Bond: Type 'A' Bond

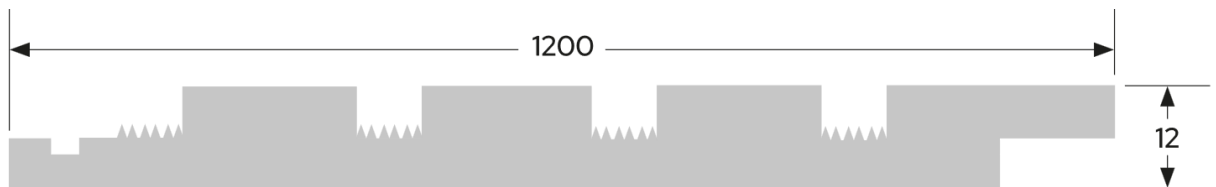
Sheet Size: 2440x1200x12mm

Formaldehyde Emissions: E0

Treatment: H3 LOSP

Termites: Resistant

Profile:



■ 1200x12



Considerations

Storage Before Installation

Store boards under cover, away from moisture, rain, and direct sunlight. If storage is outdoors, cover them with a waterproof plastic sheet to prevent warping and ensure optimal conditions for installation.

Surface Preparation

Ensure the installation surface is level, clean, and dry. Proper surface preparation guarantees a longer-lasting installation and a uniform finish.

For plywood, ensure the ground is level and has proper drainage to prevent water accumulation. A minimum slope of 2–4% is recommended for the supporting structure to facilitate water runoff.

Substructure

For wall paneling: Install a substructure made of treated wooden battens or durable metal profiles, with a maximum spacing of 40 cm. This ensures stability and adequate ventilation.

For plywood: Use a substructure made of treated wood, preferably thermally modified radiata pine, with suitable dimensions, such as battens measuring 38x38 mm. Maximum spacing should not exceed 60 cm for low-traffic projects and 45 cm for high-traffic projects.

Wood Expansion Spacing

Leave a 3–5 mm gap between wall paneling boards to allow for natural wood expansion due to humidity and temperature changes. This prevents warping and extends the lifespan of the wall paneling.

Initial Board Protection

Before installation, apply a layer of wood protector to the exposed surface. Add additional protective layers, especially for outdoor installations.

If a piece needs to be cut, seal the ends with a wood sealer before installation. This prevents moisture absorption in cut areas and protects the boards under varying climatic conditions.

Installation

Use stainless steel or galvanized screws with hidden heads for discreet and durable fastening. Pre-drill each board and countersink screws approximately 20 mm from the edge to avoid splitting.

The screw length should be at least 1.5 times the board's thickness for secure fastening.

Maintenance

In coastal environments, where salinity and humidity are factors, apply additional or higher-pigment protectors to the boards. Avoid natural or clear finishes in these areas to achieve better protection and maintain the wood's aesthetics.

To preserve the color and integrity of the wood, apply a wood protector annually. This reduces micro-cracks and wear caused by sun and rain exposure, keeping the wall paneling in optimal condition.

Wood Application

To prevent surface cracking and maintain the wood's structural integrity, the application of a high-quality wood oil is highly recommended. This treatment penetrates the fibers to provide deep hydration, significantly reducing the appearance of micro-cracks caused by UV exposure and humidity fluctuations. For best results, apply the oil to all exposed surfaces before installation and as part of the annual maintenance.

