

INSTALLATION MANUAL AND PRODUCT WARRANTY



Product:- uCLAD Linings

Manufacturer:- Canon Double Glazing
401 Victoria Road Malaga WA 6090
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Product Specification:- 200mm wide x 8mm thick T&G Cladding Panels

Standard Length Sizes:- 3m , 4m , 5m , 6m
Custom Extrusion upto 7500mm

Standard Colour Range:- Golden Oak, Cedar, White, Black Ash

Applications:- Outdoors Cladding Alfrescos, Patios, Eaves, Garages, and Wet Areas.

Wall Cladding, other cladding uses

Product use :- Interior and Exterior

1.1 Tools Required for Installation

- Power Saw with fine tooth blade(80 teeth)
- Table Saw/Jig saw with fine tooth blade (80 teeth)
- Staple Gun (Pneumatic or Manual) If fixing to timber battens
- Self tapping countersunk screws 25mm x 8G if fixing to metal
- 16mm staple pins Heavy Duty
- Construction strength Silicon Adhesive
- Double sided adhesive tape for installation PVC Trims

1.2 Consideration and product knowledge before installation

- Firstly assess the area need to be cladded and work out the most suitable length size from standard length size
- Ensure Timber joists are MAXIMUM of 450 mm apart, if the area to be cladded is not upto this standard extra timber needs to be added to achieve the above.
- An allowance of 2mm per metre of board used must be allowed for Expansion and contraction.
- Expansion or contraction should be taken into consideration during the season of install, For example during winter the boards are already contracted and therefore only expansion needs to be taken care of and vice versa
- uCLAD are T&G boards very similar to cedar linings, only that they are not end matched
- Manufacturer DOES NOT recommend Butt joining more than 2 boards, without the use of a expansion control H jointer
- All uCLAD lengths supplied by the manufacturer are 100mm longer than the standard length, this is because the coating is a laminated process and the first 50mm on each end needs to be cut to get a clean cut board which is ready to use.

1.3 Method of installation to timber framework

- Line up and cut the first board and Fix it at every joist by use of 16mm staples, and staple Gun
- Apply Liquid nails or equivalent construction strength adhesive where needed
- Slide and interlock boards as you go along , cutting to the required size needed
- The Final piece of board may be required to be cut longitudinally to fit correctly, if fixing is not available, this last piece of board may be required to be glued on.
- In areas where downlights are required, secure the boards with plentiful of adhesive in conjunction with staples.
- In areas where speakers are required to be installed, secure boards with plentiful adhesive as well as extra cross brace support in the joists to hold the weight of the speakers.

1.4 Method of Installation to steel framework

- Same as above expect use of Self tapping screws for Fixing.

1.5 Installation of Trims and Finishing works

- Whilst how to finish and trim is usually project related , manufacturer can supply any accessory listed in Section 1.6
- Other recommended Finishing Methods can be use of Timber Quadrants, Silicon finish, Plasterboard Cornices or simply doing nothing if level of finish is satisfactory. Level of finishing is Upto the end user.

1.6 Accessory Finishing Profiles available from the manufacturer

- 60 x 10 mm Trim(PVC)
- 30 x 10mm Trim(PVC)
- H jointer (for joining boards at 45 degrees)
- 19 x 19 External Corners
- J Trim Aluminium Expansion Control
- H trim Aluminium Expansion Control

PRODUCT WARRANTY

If Installation is carried out in the manner described in this information manual the manufacturer warrants the product for a period of 10 years even in Exterior applications against Non colour Fading, Delamination, non warping, water proof, water tight, non insect damage and fire retardant properties. In case of product fail where installation was carried out to the manner described in this manual, the manufacturer will replace the cost of the materials in full. For cases where installation was not carried out according to this manual the manufacturer shall not be liable for any arising defects.

PRODUCT SPECIFICATION

Length size	3m,4m,5m,6m
Product width	200mm
Thermal Resistance	0.014 w/mk
R value	0.06 m ² k/w
Density	1.46 g/cm ³
Tensile strength	40 mpa