

TECHNICAL MANUAL

CLADTRIM Colour-matched Cladding Trims

Product Description:

CLADTRIM cladding trims are a range of smart, corrosion resistant aluminium trims and accessories that cater to individual requirements. They can be supplied in mill-finish or powder coated to match any colour. CLADTRIM cladding trims provide the easy and crisp finish to any cladding material. The CLADTRIM cladding trims are designed to be used for internal and external corners, window detailing, abutments, joints and any area where a trim may be required. The adjustable depth of the corner profiles allows for ease of adaption to most cladding materials.

Finishing Process:

The beautiful looking finish on the CLADTRIM extrusions is possible because the latest matt-effect coating technology provides incredible richness and variation along with outstanding long-term durability. Along with the marine-grade aluminium base material, the matt-effect CLADTRIM coating has undergone extensive durability testing and has been proven to perform in the harsh Australian conditions.

Sizes & Profiles:

- CT*CP CLADTRIM J-shape Starter Strip (Colour Code), 5.5m Length
- CT*YP CLADTRIM Y-shape Corner Profile (Colour Code), 5.5m Length
- CT*ZP CLADTRIM Z-shape Joint Profile (Colour Code), 6.5m Length
- CT*CP CLADTRIM 40mm 2-piece Corner Profile (Colour Code), 5.5m Length
- CT*CS CLADTRIM 40mm 2-piece Cover Strip (Colour Code), 5.5m Length
- CT*ET CLADTRIM 40mm 2-piece Edge Trim (Colour Code), 5.5m Length
- CT*5050 CLADTRIM 50 x 50mm Angle (Colour Code), 6.5m Length
- CT*4040 CLADTRIM 40 x 40mm Angle (Colour Code), 6.5m Length
- CT*4020 CLADTRIM 40 x 20mm Angle (Colour Code), 5.8m Length
- CT*3232 CLADTRIM 32 x 32mm Angle (Colour Code), 6.5m Length
- CT*32ES CLADTRIM 32 x 32mm End Stop (Colour Code), 6.5m Length
- CT*2020 CLADTRIM 20 x 20mm Angle (Colour Code), 5.8m Length

*Indicates finish type – ‘U’ for CLADTRIM colours and ‘P’ for Powdercoat colours

Accessories:

- FIRESpan Non-combustible Sarking 1.35m x 40m Rolls
- STUDEK Steel Sub-framing System
- STUDEK EPDM Foam Isolation Strip
- GALVANISED 22mm x 10-16 Wafer Screw

Important Information:

The instructions in this brochure are for illustration purposes only and are not meant to replace a licensed professional. Any construction or use of the product must be in accordance with all local zoning and/or building codes. The consumer assumes all risks and liability associated with the construction or use of this product. The consumer or contractor should take all necessary steps to ensure the safety of everyone involved in the project, including, but not limited to, wearing the appropriate safety equipment. Except as contained in a written warranty, the supplier does not provide any other warranty, either express or implied, and shall not be liable for any damages, including consequential damages.

General Fixing & Maintenance Instructions:

- CLADTRIM is to be secret fixed using screws supplied by BLUECHIP.
- CLADTRIM extrusions should be at ambient temperature prior to any cutting or installation.
- All CLADTRIM extrusions should be ordered approx. 50mm longer than required onsite to allow for trimming at each extrusion end to remove 20-25mm of uncoated or blemished material resulting from the production and coating process.
- When installing CLADTRIM vertically, leave a minimum 10mm gap at the base of the cladded wall between the extrusion and any surface that meets the extrusion in a perpendicular line or plane to the cladding being installed. The same applies above and below a horizontal joint in the cladding installed using the CLADTRIM Z-shape Joint Profile.
- CLADTRIM can be cut to length with standard high-quality aluminium cutting tools. Recommended blades are a specialised aluminium saw blade with a high number of teeth.
- CLADTRIM should be acclimatized as required onsite to ensure moisture and temperature equilibrium with the surrounding environment prior to installation.
- The sub-frame shall be level and aligned and installed perpendicular to cladding direction over water-proof membrane at maximum 600 mm centres. The sub-frame shall be minimum 20mm thick to provide adequate ventilation behind the cladding. The back-ventilation cross-section may not be regularly diminished by battens or other objects. The ventilation inlets and outlets must have consistent widths of at least 20 mm.
- Drivers should be adjusted to a low or medium torque setting when fixing screws in to the cladding and screws should not be overdriven but may only be screwed in until the screw head rests against the surface.
- The CLADTRIM corner profiles shall be installed as required and fixed at maximum 600mm centres by pilot drilling and screwing with countersunk stainless-steel screws. Sealant and flashings should be used as required to ensure water proofing.
- To install the CLADTRIM colour-matched extrusions the base section is to be fixed to the wall or sub-frame first and then after CLADTRIM cladding is installed sealant should be applied as required to ensure water proofing before the external CLADTRIM piece is clipped into place until it is flush with the cladding face.
- The CLADTRIM cladding shall be fixed at maximum 600 mm centres by inserting screws through the grooved v-slot in the cladding extrusions.
- The cladding shall be installed with a minimum 10mm spacing between all trims, joints, end stops and between any permanent structure and/or penetration to allow for thermal expansion and contraction of the material.

- The cladding shall be installed as per the latest version of the CLADTRIM Install Details allowing for any site-specific expansion and contraction requirements and using colour-matched CLADTRIM extrusions for all junctions and abutments.
- The cladding shall be installed as per the latest version of the CLADTRIM Draft Specification allowing for any site-specific requirements to ensure the desired long-term performance and aesthetics are achieved.
- The cladding system shall be installed in accordance with the latest version of the Australian NCC/BCA as well as any other government regulations or requirements at any given time and for any particular project.
- To install the CLADTRIM colour-matched cover strip the base section is to be fixed to the wall or sub-frame first and then after the cladding is installed sealant should be applied as required to ensure water proofing before the external CLADTRIM piece is clipped into place until it is flush with the cladding face.
- The supporting wall must be watertight.
- There must be ventilation / drainage at the base of the wall.

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