

SOLIDAL® CMC (Custom Modular Cassette)

SOLIDAL® CMC systems are specifically designed and formulated for building envelopes in ventilated (Rainscreen) and non-ventilated (Concealed) construction and are created to overcome a wide range of shapes, while adhering to the principles that allow the product to be complex in shape and form with multiple folds and curving prior to the coating process.

SOLIDAL® CMC are meticulously metal formed in mill finish in 5083 or 5005 series SOLIDAL®, using IMM intelligent manufacturing and smartweld technology. Providing a fully sealed and mechanically fabricated SOLIDAL® module, prior to coating. Final paint coating ranges from 45um to 130um, depending on colour, solid, metallic or textured finish stone or timber finish. Ideal for high corrosive environments due to SOLIDAL'S completely sealed and protected modules, whilst being 100% mechanically fabricated.

SOLIDAL® CMC MODULE SIZES

Each SOLIDAL® CMC product is available in a variety of sizes:

Depth: Up to 90mm* (Standard 25mm)

Width: Up to 2000mm* (Custom)

Length: Up to 5960mm* (Custom)

Thickness: T2® (2mm), T3® (3mm), T4® (4mm)

SOLIDAL® CMC COLOURS & FINISHES

Available in an unlimited range of colours and finishes with no minimum order requirements.

Colour matching: Provide a physical sample or your RAL or Pantone code, and SOLIDAL spectrometer colour matching is perfectly accurate.

SOLIDAL® PPG WET SPRAY PVDF

Fluorine Carbon coating is a high-grade spray coating with excellent performance of anti-fading, high air pollution resistance, strong crack resistance, UV resistance, ability to withstand harsh weather conditions and has unlimited colour range.

INTERPON AKZONOBEL® POWDER COAT

Powder coating is a dry finishing process applied as a free-flowing, dry powder: hard finish, that is tougher than conventional paint, easy to clean, able to withstand harsh weather conditions, UV resistant, and available in standard and custom colours in a wide range of metallic and matt surfaces.

APPLICATION METHODS

Stick Fit Application (Subframe)

Curtain Wall Application

INSTALLATION

Fast and Simple to install. All SOLIDAL® CMC products are delivered prefabricated, pre-coated, QR labelled ready to be installed.

SUSTAINABILITY

All SOLIDAL® CMC products are manufactured using 100% aluminium and mechanical systems (mechanically fixed stiffeners). SOLIDAL® CMC is fully recyclable (no glues and tapes used), cradle to cradle product.

PERFORATIONS

All SOLIDAL® CMC products are available with standard and custom perforations providing excellent acoustical properties and airflow throughout the building. SOLIDAL® CMC Perforation designs are available in round, square, triangular, slotted, and custom designs in 90°, 45°, 60°, and custom patterns.

COMPLIANCE

All SOLIDAL® CMC products are non-combustible under NCC2019C1.9. with NATA AS1530.1 & AS1530.3 certifications.

CUSTOM PROJECT REQUIREMENTS

If you have a specific custom project requirement, please send through your enquiry and our design team will respond within two working days. SOLIDAL® offers full integrated design and manufacturing support.