

SOLIDAL® Smartfix® SYSTEMS

Recognised and awarded by the RED DOT Design institute in Essen Germany, Smartfix® proprietary cladding system offers a facade free of exposed fixings and sealants, with the use of engineered extrusions to overcome all facets of the building façade.

Supplied in optional Smartfix® Tongue and Groove together with SOLIDAL® T4 Anodised Sheets, makes for a 100% Anodised cladding system and panel. Or Smartfix® Captive system with SOLIDAL® T3 encapsulating the perimeter of SOLIDAL sheet, with either powder coated or anodised extrusions.

SOLIDAL® Smartfix® Systems, bring together both architectural and engineering with patented Smartfix® system technology.

SOLIDAL® Smartfix® MODULE SIZES

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

Width: Up to 1500mm* (Custom)

Length: Up to 4500mm* (Custom)

Thickness: T3 Captive Profile System – T3® (3mm)

T4 Tongue and Groove Profile System – T4® (4mm)

SOLIDAL® Smartfix® COLOURS & FINISHES

SOLIDAL® T3 Smartfix® Captive Profile System:

Anodised / PVDF Wet Spray / Interpon Akzonobel.

SOLIDAL® T4 Smartfix® Tongue and Groove System:

Anodised / PVDF Wet Spray

No minimum order requirements.

Colour matching:

Provide a physical sample or your RAL or Pantone colour code.

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.

SOLIDAL® ANODISED

Anodic Oxidation is an electrolytic oxidation process in which the surfaces of aluminium or aluminium alloys are usually converted into an oxide film. Anodised SOLIDAL® CP benefits:

Improved corrosion resistance, excellent wear resistance and hardness of the metal plate and available in a variety of colours.

APPLICATION METHOD

Stick Fit Application (Subframe)

INSTALLATION

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

SOLIDAL® Smartfix® System Technology - All edges captured in either tongue and groove or captive system, mechanically fixed into subframe.

COMPLIANCE

All SOLIDAL® Smartfix® products are AS4284 Weather Tested and are non-combustible under NCC2019C1.9. with NATA AS1530.1 & AS1530.3 certifications.

SUSTAINABILITY

All SOLIDAL® Smartfix® products are manufactured using 100% aluminium and mechanical systems. SOLIDAL® Smartfix® is fully recyclable, cradle to cradle product.

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.