

Wall Cladding & Soffits Collection



SOLIDAL® T3®
SOLIDAL® T4®



EVERSHIELD®
HIGH GRADE ANODISING

Top Bright® Mirror (High Reflective) 5052H24

SOLIDAL® T3®
SOLIDAL® T4®

Anodising: Optional 5052 AP1 AAMG or 5005H14 SOLIDAL®
Anodise thicknesses of at least 10µm for indoor and 20/25µm for outdoor applications are recommended, depending on exposure.

Detailed requirements for each application should be discussed with the customer before the anodizing specification is finalised. Anodizing carried out by one firm to ensure batch uniformity. As is usual practice, we recommend limiting samples are agreed to define acceptable process-related variations in gloss and colour.

Watermark® offers a range of Reflective and Structural Surfaces:

- > Top Bright® Mirror
- > Satin
- > Bead Blasted
- > Brushed

Anodised

Natural beauty, outstanding durability

SOLIDAL® T3®
SOLIDAL® T4®

Specific process parameters of real metal anodising and sustainability of the environment are key underlying strengths of the new SOLIDAL® façade solution. The AAF Evershield Coastal Anodise finish offers outstanding durability, over a 100 Year Life Cycle, making the Watermark® SOLIDAL® T3® & T4® Anodised façade solution, both Non Combustible and 100% recyclable.

AAF advanced new Illustro finishes

With the Addition of the Illustro series, the Evershield Range has now broadened into 3 lustres.

Matt: The traditional Matt series combining a timeless and natural matt lustre.

Illustro: The exclusive new Evershield Illustro series is cleverly designed to subtly reflect with the changing light conditions throughout the day creating a fusion with natural building elements and rendered finishes.

Bright: The Bright series is just brilliant. A classic polished metal finish that stands the test of time.

TONGUE & GROOVE (Smartflx®)
Abrasive resistant / Superior anodise finish / 100% recyclable
German awarded design façade fixing system

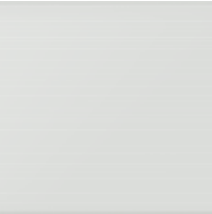
Through specific process parameters and controls Evershield® offers outstanding hardness and durability

Key Features of AAF Evershield High Grade Anodising finish:

- Uses world Leading technology true Metal Inorganic colouring
- Is Non Abrasive with outstanding hardness making it ideal for use at high altitude and repels abrasive sands during the most severe windstorms
- Anodising retains its natural beauty as anodizing is a conversion of the real metal itself with incredible hardness and excellent protection of the metal
- Exceeds AAMA611 and AS1231 Performance Standards
- Exclusive AAF 30 Year Evershield Coastal Marine Warranty
- Anodic treatment may accentuate any lack of homogeneity or differences in metallurgical condition of the aluminium. As a result, some non-uniformity of appearance may be encountered on different areas of a component and/or between different batches of material of the same specification, or where certain welding processes have been used.

Matt

The traditional Matt series combining a timeless and natural matt lustre with SOLIDAL® T3® or SOLIDAL® T4® Solid Aluminium creates beautiful and durable façade solutions.



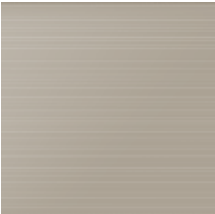
Platinum
MATT (E87CM)



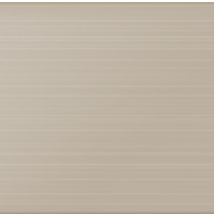
Stella Grey
MATT (E78NM)



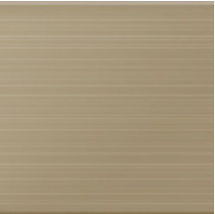
Star Dust
MATT (E70NM)



Apollo Grey
MATT (E66NM)



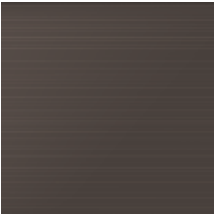
Sea Breeze
MATT (E67TM)



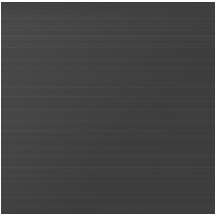
Portland Stone
MATT (E60TM)



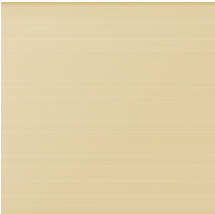
Jamaican Chocolate MATT
(E35TM)



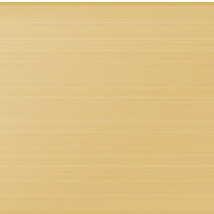
Burnt Sienna
MATT (E29TM)



Ebony
MATT (E26TM)



Summer Maize
MATT (E82GM)



Sovereign Gold
MATT (E78GM)



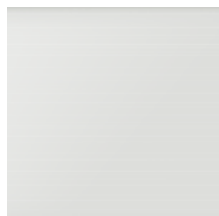
Maroochy Sand
MATT (E74GM)



Illustro

'illustro' | to illuminate; brighten; light up; give glory; embellish; enlighten.

Illustro is perfect for adding a subtle reflection and distinctiveness to your next architectural project using SOLIDAL® T3® & T4® pre-painted Solid Aluminium.



Palladium Coin
ILLUSTRO (E87CL)



Aztec Silver
ILLUSTRO (E68NL)



Monaco Stone
ILLUSTRO (E65TL)



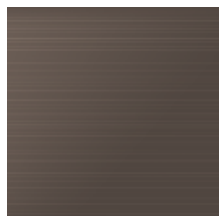
Bold As Brass
ILLUSTRO (E58TL)



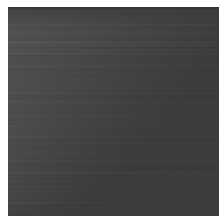
Medallion Bronze
ILLUSTRO (E44TL)



Macchiato
ILLUSTRO (E36TL)



Bronze Monument
ILLUSTRO (E30TL)



Gun Barrel
ILLUSTRO (E25TL)



Gold Odyssey
ILLUSTRO (E78GL)

Bright

The Bright series is just brilliant.

A classic polished metal finish in combination with SOLIDAL® T3® or SOLIDAL® T4® Solid Aluminium, that stands the test of time.



Diamond Light
BRIGHT (E87CG)



Moonbeam
BRIGHT (E74NG)



Smokey Quartz
BRIGHT (E60TG)



Smooth Onyx
BRIGHT (E25TG)



Burnished Gold
BRIGHT (E80GG)



How to Specify SOLIDAL® Anodise

Once you have chosen SOLIDAL® with Anodise Finish, it's important to specify the correct product. We make specifying our cladding products and coatings easy, simply:

Nominate your preferred substrate **SOLIDAL® Thickness:**

- SOLIDAL® T3® (3mm) NATA Certified AS1530.1 Solid Aluminium
- SOLIDAL® T4® (4mm) NATA Certified AS1530.1 Solid Aluminium

Nominate your preferred fixing method:

- Prefabricated Cassette
- Tongue and Groove extrusion system (Smartfix®)
- Captive extrusion system (Smartfix®)
- Face Fixed Riveted or Screwed
- Curtain Wall
- Ventilated System

Nominate your preferred Interpon product, e.g Anodise (from 10µm to 25µm Anodise)

Nominate the color, finish and product code, e.g. Palladium Coin, ILLUSTRO (E87CL)

(OPTIONAL) Custom Fabrication **SOLIDAL® Special / Custom**

- Perforated SOLIDAL®
- Laser Cut SOLIDAL®
- Dimpled SOLIDAL®

ORDER SWATCH



Please contact SOLIDAL® Customer Care Team for additional specification support and advice. Visit www.solidalmetal.com or contact us for more information.

Technical Specifications

SOLIDAL® T3®
SOLIDAL® T4®

	Panel Thickness (mm)	Available width (mm)	Length (mm)
SOLIDAL® T3®	3mm	1240mm, 1500mm, 2000mm	up to 7000mm
SOLIDAL® T4®	4mm	1240mm, 1500mm, 2000mm	up to 7000mm

Physical Properties

MECHANICAL PROPERTIES	* 3000 Series SOLIDAL®	** 5000 Series SOLIDAL®
Brinell Hardness	45	67
Elastic Modulus	70GPa	68GPa 9.9 x 106 psi
Elongation at Break	6.0%	8.0%
Fatigue Strength	68 MPa	110 MPa 15 x 103 psi
Poisson's Ratio	0.33	0.33
Shear Modulus	26 GPa	26 GPa 3.7 x 106 psi
Shear Strength	93 MPa	150 MPa 22 x 103 psi
Tensile Strength: Ultimate	160 MPa	250 MPa 37 x 103 psi
Tensile Strength: Yield (Proof)	125 MPa	190 MPa 28 x 103 psi
THERMAL PROPERTIES		
Melting Onset (Solidus)	640 °C 1120 °F	610 °C 1120 °F
Specific Heat Capacity	900 J/kg-K 0.22 BTU/lb-°F	900 J/kg-K 0.22 BTU/lb-°F
Thermal Conductivity	180 W/m-K 100 BTU/h-ft-°F	140 W/m-K 80 BTU/h-ft-°F
Thermal Expansion	23µm/m-K	24µm/m-K
ELECTRICAL PROPERTIES		
Electrical Conductivity: Equal Volume	44% IACS	35% IACS
Electrical Conductivity: Equal Weight (Specific)	140%	120%

* 5000 Series SOLIDAL® is ideal for Anodise application
(Please consult a SOLIDAL® representative for further information on Anodised grade Aluminium)
Visit www.solidalmetal.com or contact us for more information

SOLIDAL®

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EVERSHIELD®
HIGH GRADE ANODISING



red dot design award

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