OUTER BEAUTY
INNER STRENGTH
AAF
AUSTRALIAN ALUMINIUM FINISHING
www.aafonline.com.au

A REPUTATION BUILT TO LAST

AAF is celebrating 40 years as Australia's leading independent finisher of Architectural Aluminium providing Anodising and Powder Coating with finishing facilities in Sydney, Melbourne and Brisbane.

With 200 dedicated personnel, our experienced finishing team is ready to provide unbiased technical advice about all finishing, anodising and powder coating along with customer support in tailoring colours and performance to project needs.

Award winning Anodising and Powder Coating.

FEATURED PROJECTS

Mirvac 8 Chifley Square
Shrine of Remembrance Melbourne
One Central Park
Charles Perkins Centre
Sydney Cricket Ground Facade
Queen Mary Building Sydney University
Boheme Bondi Beach
Barangaroo Facade & Screens
Reef HQ Aquarium Townsville
HMAS Kuttabul
University Student Central
Randwick Racecourse
Australian High Commision

The Theatre Darling Harbour
Royal Childrens Hospital Melbourne
Docklands Square Library
Pilot Station, Sydney Harbour
QE11 Perth
Sunshine Coast Hospital
Peter Doherty Institute
Illawarra Elective Surgery Service
Latrobe Institute
Sydney Overseas Passenger Terminal
Bendigo Library
Qantas Hangar
Melbourne One, Lonsdale St

Chris O'Brien Lifehouse
Aldi Distribution Centres
St.Vincents Hospital
Regional Rail Link Footscray
Shanghai World Financial Centre
Adelaide Oval Grandstand
St Patricks Estate Manly
Melbourne One
Charles Darwin Centre, Darwin
Swanson Square
One McNab Footscray Frankston
Tamworth Hospital
Brisbane Supreme Court

AAF Evershield® Anodising AAF Powder Coating

AUSTRALIAN ALUMINIUM FINISHING AAFONLINE.COM.AU

AAF EVERSHIELD® HIGH GRADE ANODISING

WORLD CLASS ANODISING FOR AUSTRALIA'S ICONIC BUILDINGS

EVERSHIELD® PROCESS DEVELOPED OVER TIME

For over 40 years AAF has focused on quality and innovation. Anodising is a passion at AAF. The Evershield® anodising processes are built from world's best practices and are backed up with warranties for up to 30 years, giving you confidence that this finish will stand the test of time.

Through specific process parameters and controls Evershield® offers outstanding hardness and durability, and exceeds the AAMA 611 and AS1231 performance standards.

For external applications the Evershield® process only uses true-metal (inorganic) colouring. These true-metal colours provide exceptional fade resistance and are warranted for long-term performance and ease of maintenance.

COLOUR CONSISTENCY

AAF introduced state-of-the-art colour measuring equipment in Australia for anodising and industry wide colour standardisation. With the use of photo spectrometers, metal alloy and colours are checked during the process.

EVERSHIELD® COASTAL

Anodising is renowned for durability in salt water environments. Evershield® Coastal has been engineered to maximise these features and is even harder, denser and more durable. With specific process parameters Evershield® Coastal provides the ultimate durability for external applications, and maintains up to 30 years performance warranty.

ANODISE ON-SITE REPAIR & TOUCH-UP

Anodise on-site minor repair and touch-up. AAF has now introduced, touch-up pens and sprayers. Imported from Europe they are designed to provide the typical low lustre and metallic appearance of an anodise finish.

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

▸ TOP

The Sydney Cricket Ground Trust wanted the façade to be ''modern and stylish'' and blend with the clock tower.

A series of vertical fins made of bronze-coloured ''anodised'' aluminium the same finish used on Apple devices has created colour nuances and reflections in different light.

AAF Evershield® Jamacian Chocolate.

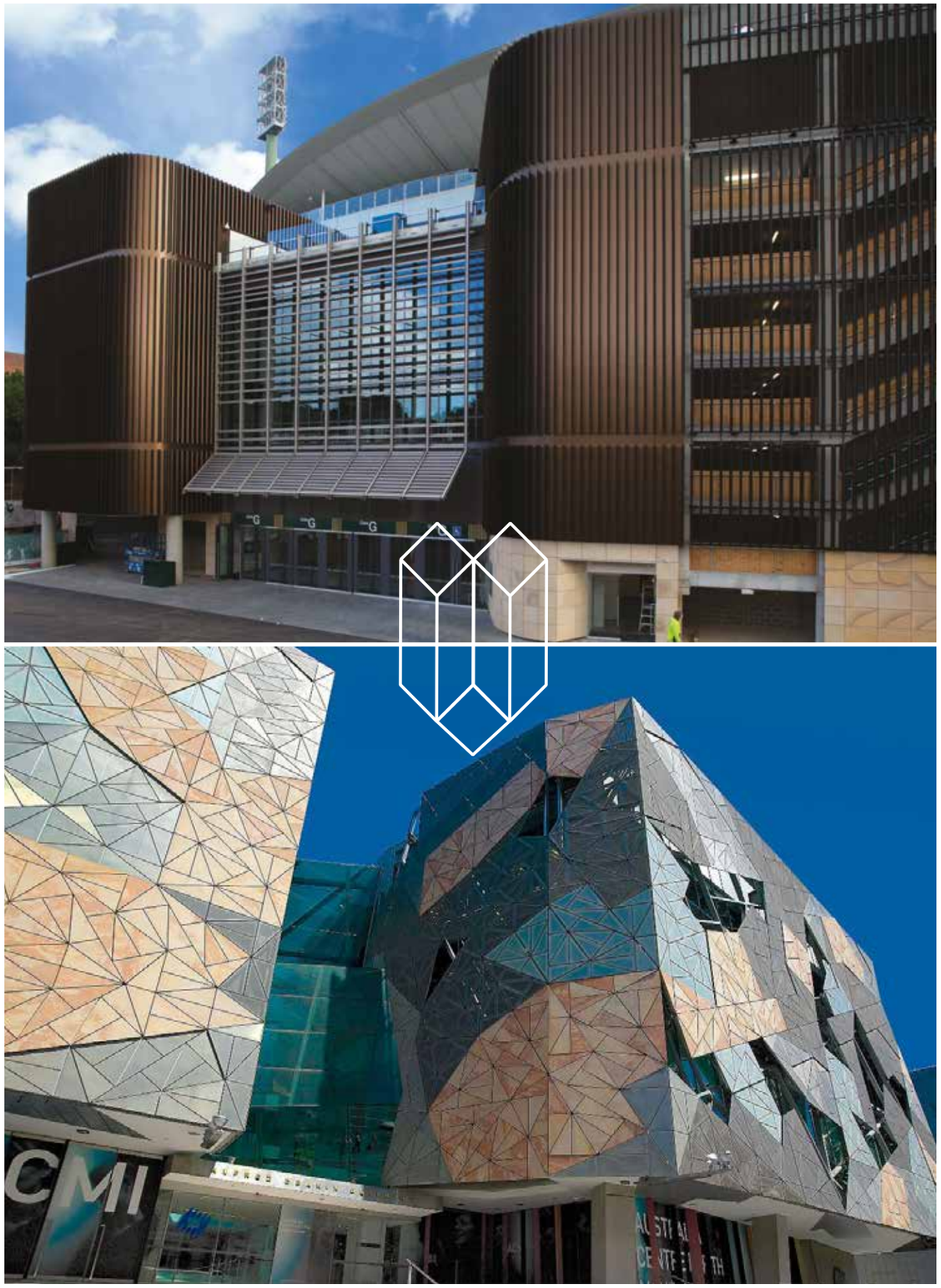
▸ BOTTOM

Federation Square Melbourne.

AAF High Grade Anodising was extensively used in the aluminium structural elements to support the bold architectural form for the iconic Federation Square building.

Architect: Lab + Bates Smart.

AAF Evershield® Matt Natural.



INSPIRING NEW COLOURS AND LUSTRES

THE COSMIC COLLECTION

Unique in Australia, the Evershield® Cosmic Range offers the appearance of light to medium grey metals and a stainless steel look. Through our specialised anodising process, the Cosmic range has gained popularity in recent years and now offers some additional new colours.

COLOUR FLEXIBILITY – YOUR CHOICE

On a project basis, AAF can tailor Evershield® Colours and Lustres to meet specific needs. Being a one stop shop, AAF provide unbiased technical advice and reliable customer support in tailoring colours to project needs, both in Evershield® and the full warranty grade range of powder coatings.

THE GOLD COLLECTION

AAF specialises in external and internal Gold Finishes. Now with an additional lustre the collection is even larger.

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 materials and rendered finishes.

Bright

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

The exclusive new Evershield® Illustro series is cleverly designed to subtly reflect with the changing light conditions throughout the day.

▶ RIGHT

6 Green Star
Mirvac project, 8 Chifley Square – Evershield® anodised solar shading.

▶ FAR RIGHT

Shanghai World Financial Center.

AAF Evershield® anodised 7,000 panels covering the podium area of the Shanghai World Financial Center. At 492 metres, the 8th tallest building in the world.

AAF quoted within very specific quality and colour tolerances and won the tender against Japanese and Chinese competitors.

AAF
EVERSHIELD®
HIGH GRADE ANODISING

AAF'S EVERSHIELD® RANGE IS GROWING

MATT

AAF's 13 illlustro colours maintain the outstanding durability of Evershield® – plus add a new dimension in lustre never before offered in the marketplace. 25 Year Warranty.

All 35 displayed colours are 'True Metal' coloured, so are exterior durable.

All Evershield® anodising is supported up to a 30 Year Performance Warranty, see website for more information. Colours are indicative only, refer to Evershield® swatches for a better representation of appearance.

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

Illustro is perfect for adding a subtle reflection and distinctiveness to your next architectural project.

☆ GOLD COLLECTION
☆ COSMIC COLLECTION

Platinum (E87CM)

Portland Stone (E60TM)

Summer Maize (E82GM)

Stella Grey (E78NM) ☆

Amber Gold (E42TM) ☆

Sovereign Gold (E78GM) ☆

Star Dust (E70NM) ☆

Jamaican Chocolate (E35TM)

Maroochy Sand (E74GM)

Apollo Grey (E66NM) ☆

Burnt Sienna (E29TM)

Sea Breeze (E67TM)

Ebony (E26TM)

AAF is delighted to introduce the new 'Illustro' series of anodised colours to their Evershield® line-up.

NATURAL BEAUTY, OUTSTANDING DURABILITY

ILLUSTRO

Palladium Coin (E87CL)

Macchiato (E36TL)

Aztec Silver (E68NL) ☆

Bronze Monument (E30TL)

Monaco Stone (E65TL)

Gun Barrel (E25TL)

Bold as Brass (E58TL)

Gold Odyssey (E78GL) ☆

Medallion Bronze (E44TL)

BRIGHT

Diamond Light (E87CB)

Moonbeam (E74NB) ☆

Smokey Quartz (E60TB)

Smooth Onyx (E25TB)

Burnished Gold (E80GB) ☆

Order Evershield® samples at: **aafonline.com.au/request-samples**

AAF'S EVERSHIELD® RANGE IS GROWING

MATT

AAF's Evershield® Terra Rossa Collection offers a timeless colour scheme of copper hues, combining beauty and durability to create the perfect finish for every architectural, building, and interior design project.

The Terra Rossa anodising colours maintain the outstanding durability of Evershield® with a 25 year warranty.

Including colours finished in a timeless and natural matt lustre and our exclusive Illustro satin finish, all displayed colours in this range are creating using true metal colouring and suitable for external use.

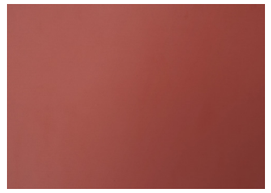
All Evershield® anodising is supported up to a 30 Year Performance Warranty, see website for more information.

Disclaimer:
Colours are indicative only, refer to Evershield® swatches for a better representation of appearance.

Prosecco (E70RM)
(R187 G168 B158 LRV44)

Desert Haze (E59RM)
(R173 G133 B117 LRV28)

Kalahari (E53RM)
(R163 G116 B100 LRV23)



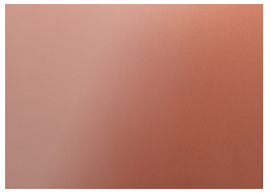
Merlot (E35RM)
(R116 G70 B66 LRV9)

NATURAL BEAUTY,
OUTSTANDING DURABILITY

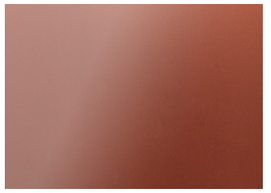
ILLUSTRO

Blush (E64RL)
(R184 G148 B133 LRV33)

Copper Coin (E56RL)
(R170 G124 B107 LRV24)



Tuscan Red (E47RL)
(R158 G95 B81 LRV16)

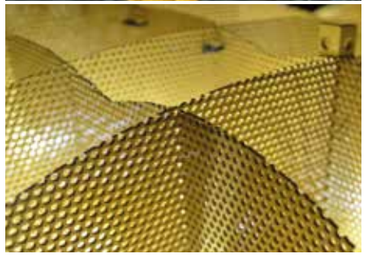


Cabernet (E36RL)
(R123 G70 B67 LRV9

Order Evershield® samples at: **aafonline.com.au/request-samples**

AAF EVERSHIELD® HIGH GRADE ANODISING

AWARD WINNING ANODISING



▲ ABOVE

Gold Nimbus Light

2016 AISF Best Use of Anodising
Australian Aluminium Finishing (AAF)
Nimbus Golden Lighting Exhibit, Milano, Italy

EVERSHIELD® GOLD ANODISING UP IN LIGHTS

This project highlights the outstanding features and benefits of the natural metallic finish of anodising.

AAF Evershield® anodising was the finish of choice for McDermott Baxter Architects for part of their exhibition in Milan.

As part of Milan Design Week 2015, the architects exhibited their new Nimbus Collection of suspended lights at Ventura Lambrate.

Inspired by the dramatic storm clouds seen so frequently in Sydney, each Nimbus features a suspended pendant collection featuring an array of 25 individually addressable LED's embedded into the structure.

Using LED technology, the Nimbus can be programmed to create dramatic lighting effects such as rippling storms, sunrise and sunset clouds.

Each suspended light fitting for low ceilings is a light weight construction made of interlocking pieces which can be assembled & flat packed for transportation.

Material: Anodised Perforated Aluminium

Colour: Evershield® Gold Collection

The brilliant natural finish of the Evershield® Gold anodising and the superior edge protection of the intricate perforations, provide a long lasting and beautiful finish to the end product.

Charles Darwin Centre, Darwin
A Paspaley Project, Architects Pei Cobb Freed & Partners, New York. Street level 5 story façade, Dragonscale by Locker Group.

AISF Design Award 2015 – Best Use of Anodising.
The Judges felt that the anodising was a highlight, elevating the car park to visually stunning.

ANODISING WHITE PAPER

Outstanding Anodising Features and How they Relate to Modern Building Design.

Key features of the study include:

- Sustainability and the Environment are key underlying strengths of an anodised finish.
- Outstanding durability over 100 year Life Cycle.
- Paints/Powders largely embody petro-chemical products. Anodising embodies none, reducing fire hazard and is 100% recyclable.
- Natural reflectivity & beauty as anodising is a conversion of the metal itself.
- Incredible hardness.
- Amazing edge coverage through the immersion & etching process.
- Superior for seaside applications.
- Warranty & Accreditation.

Further details on the White Paper and the Environmental Study are available at:
www.anodisingwhitepaper.com.au

AAF EVERSHIELD® HIGH GRADE ANODISING

AAF POWDERCOAT SUPERIOR FINISH

THE FINISHING TOUCH

AAF The Powder Coating Specialist. Correctly applied powder coating is durable and gives your project a colour individuality like no other finish.

AAF is Australia's largest independent finisher with leading technology and equipment working to ensure the powder you select is applied to the strictest of standards. It's the powder coating process that counts.

The processes used to apply powder are critical to its durability and longevity. Its what's underneath that counts and determines whether; the coating will withstand corrosion and not flake, peel or blister. The powder warranty will be supported.

AAF offers the full spectrum of Dulux and Akzo Nobel (Interpon) range of of powders. From basic warranty powders to the highest grade fluoropolymers and made to order powders.

Through our quality processes, AAF are Platinum applicators with Dulux and with Akzo Nobel.

Refer to the AAF Colour Selector for the full range of powdercoat and anodising colours.

Dulux POWDER COATINGS

AkzoNobel Tomorrow's Answers Today

▼ BELOW

AWARD WINNING PROJECT:
2016 AISF HIGHLY COMMENDED
BEST USE OF POWDER COATING - COMMERCIAL.
Adelaide Entertainment Centre

Due to the highly visual decorative facade, the building is recognized as one of Adelaide's most iconic infrastructure projects.'

Dulux Duratec® Zeus White high grade warranty powder was specified for this project.

These powders provide for a 20 Year Durability Warranty.

POWDERCOAT. SUPERIOR FINISH AAFONLINE.COM.AU

AAF POWDERCOAT SUPERIOR FINISH

Third Party Accreditation provides important protection against non-conforming building products.

A SUPERIOR FINISH

A smoother, more even finish with outstanding recess penetration.
In 2017 AAF introduces *Pure Powder Flow* application system into Australia. The patented system purifies the whole powder application zone to create a smooth more even finish with improved recess penetration.

The system provides the greatest improvement and innovation in the application of powder coating in over 30 years. While major Improvements have been made in the manufacture and quality of powders, the new system provides a revolutionary step forward in the application of powder coatings.

While Powder coatings have enjoyed significant environmental and cost benefits over wet coatings, orange peel and an uneven finish provide continual issues for our customers. The AAF new finish provides a superior finish, minimising orange peel, with an incredible evenness of coating and recess penetration.

The system involves the complete neutralisation of any magnetic interference in the whole powder application zone. From the airflow to the powderguns, the fluidising beds, and the whole booth area all results in AAF's superior powder coat finish for our customers.

AAF PRE-TREATMENT AND APPLICATION

Its what's underneath that counts and the importance of proper pre-treatment and curing procedures is paramount to the longevity of the coating.

Dulux and Akzo Nobel WARRANTIES SPECIFCALLY EXCLUDE any liability where there has not been "strict adherence of the pre-treatment and application procedures".

The warranties only cover the quality of the powder, not the application.

AAF high quality pre-treatment systems and controls provide peace of mind that powder coatings meet the manufactures specifications for durability.

Our customers can be reassured that all AAF plants and processes are licenced for regular Third Party Audits and Accreditation with both Dulux and Akzo Nobel (Interpon) powder coating audit systems.

ACCREDITATIONS

Dulux and Akzo Nobel (Interpon).

AAF has the highest architectural Platinum aluminium powder coating certifications.

Dulux POWDER COATINGS

AkzoNobel Tomorrow's Answers Today

▸ TOP

"The Cloud" Harbour Front Apartments at Barangaroo South completed in 2015.

Designed by acclaimed Architects Richard Francis-Jones & Andrew Anderson.

Powder Coated by AAF Wetherill Park.

Colour: Mother of Pearl" Interpon D2015 Grade

▸ BOTTOM

AAMI Stadium, Melbourne.

Building designed by Cox Architects.

Powder Coated by AAF Dandenong for Capral

Colour: Interpon D2015 MTO Stadium White YA114A.

AUSTRALIAN ALUMINIUM FINISHING

GUIDE TO PRICE AND WARRANTY

AAF PRODUCTION EFFICIENCES ENSURE GREAT VALUE

Efficient and economic pricing is vital in today's building environment and AAF meets the challenge.

AAF staff are pleased to provide guidelines for individual projects to offer competitive pricing options.

THIRD PARTY ACCREDITATIONS

The need for third party accreditation in the building industry is outlined in the AIG report into non-conforming building products in 2014 and anodising is no exception.

In 2015, the Australasian Institute of Surface Finishing completed several years work on an Accreditation Programme for Anodising ANOAUDIT.

This is now supported by annual independent audits of anodising plants to AS1231.

Combined with the Platinum Accreditation we have received for our powder coating from both Dulux and Akzo Nobel (Interpon), AAF provides complete third party assurances for our customers.

Australian Aluminium Finishing Pty Ltd
AISF License No: NSW A001 Issued March 2016

ARCHITECTURAL WARRANTY GRADE FINISHES

AAF EVERSHIELD® HIGH GRADE ANODISING

AAF POWDERCOAT SUPERIOR FINISH

25 YEAR WARRANTY FINISHES

- Powder Coatings commonly termed "super-durable"
- Evershield® 25 Warranty Anodising

Both finishes have outstanding features/benefits– but with a difference. This category of powder coatings are mostly polyesters and have a good range of stock colours.

Note: Both major powder manufacturers limit warranty of the colour and gloss to 15 years, with the integrity of the coating warranted to 25 years.

Evershield® High Grade 25 with 25 year warranty has no reduced year limits for colour/gloss and maintains all the outstanding benefits of anodising, refer Anodising White Paper.[1]

30 YEAR WARRANTY FINISHES

- Powder Coatings commonly termed "hyper-durable"
- Evershield® 30 Warranty Anodising

This category of powder coatings are fluoropolymers and have absolutely outstanding colour retention and fade resistance. AAF has extensive experience in both wet and powder versions of fluoropolymers with numerous projects in Asia and Australia. While the colour and gloss warranty is restricted to 20 years AAF tests indicate the colour/gloss to be three times greater than polyesters.

Evershield® 30 also provides a full 30 year term warranty with all the outstanding features of anodising's natural beauty and durability.

SEASIDE ENVIRONMENTS – EVERSHIELD® COASTAL

AAF has provided the Evershield® Coastal grade anodising for over 25 years. The addition of Coastal Grade to both Evershield® E25 & E30 maintains the Evershield® warranty periods when finishes are in close proximity to seaside locations, heavy industrial or internal pools.

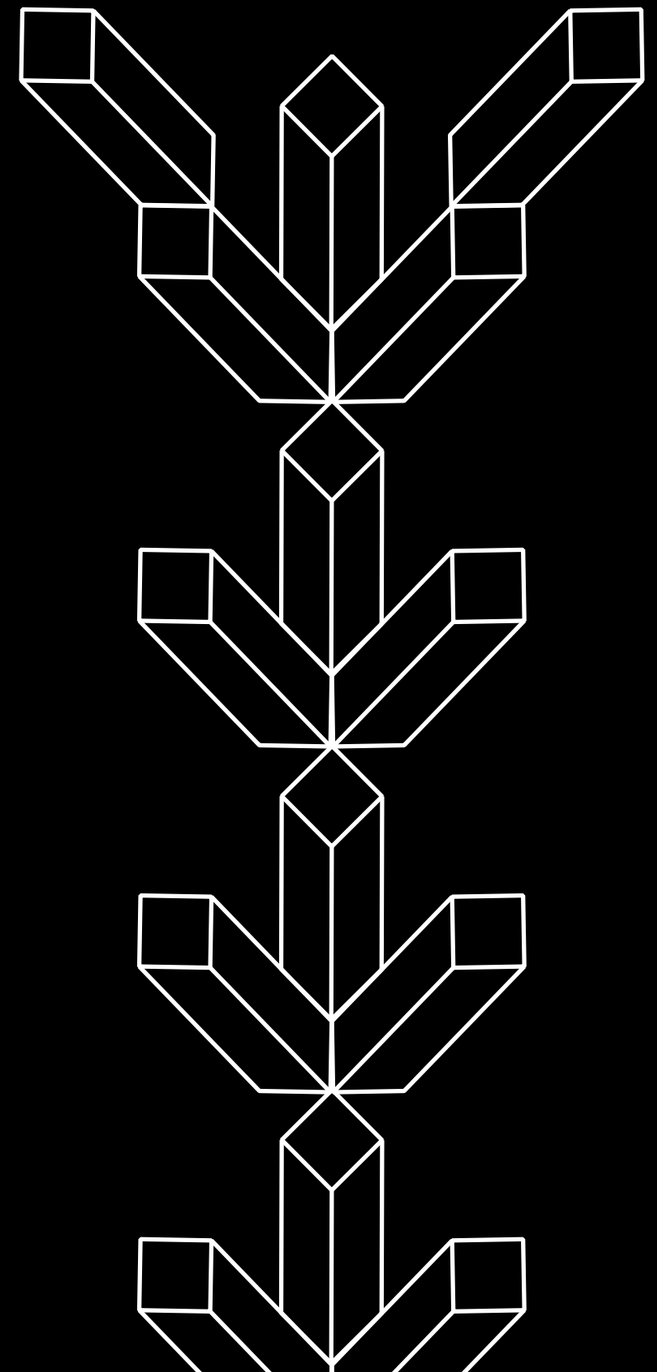
ANTI GRAFFITI

No need to specify anti- graffiti resistance coatings with AAF Evershield® – It already is. Due to Evershield® Ultra Hard and Smooth surface, an added benefit is that it also has excellent anti-graffiti properties. Contact AAF for details on suitable paint cleaning solutions that can be used.

IT'S EASY TO REQUEST SAMPLES AND SPECIFY

- Refer to the AAF website Colour Selector.
- Full industry-wide range of Anodising, Dulux and Interpon Powder Coating colours.
- Samples can be requested.
- Specification documents printed.

AUSTRALIAN ALUMINIUM FINISHING AAFONLINE.COM.AU



MORE INFORMATION ON ANODISING AND POWDER COATING PLEASE VISIT:

www.aafonline.com.au

NSW Wetherill Park	02 8787 3999
VIC Dandenong	03 9215 5700
QLD Geebung	07 3637 5600

FOR ARCHITECTURAL SUPPORT:
0414 460 378