

Finish and Technical Information

TEXTURAL SUPER-DURABLE WOODGRAIN FINISHES FOR ALUMINIUM

aafonline.com.au/evergrain

Ageless beauty and durability

Inspired by the beauty of Australian timbers, AAF Evergrain® is a range of multi-layered, powder-coated surfaces for aluminium substrates with a textural woodgrain finish.

It delivers a stunning appearance with a highly defined grain pattern, texture, and feel.

AAF has curated a unique combination of the powder coating process, European technology, and the highest-grade DULUX super durable polyester architectural powders to maximise surface durability.

AAF and DULUX Alumi Shield[™] warranties are provided for up to 25 years.

The result is a superior woodgrain finish that provides extended life, sustained colour retention, and low maintenance.

Durability and Low Maintenance

Woodgrain Aluminium finishes have risen in popularity due to the durability and low maintenance requirements of aluminium substrates compared to natural timber products. Yet, not all aluminium woodgrain finishes are created equal.

Only Evergrain® combines the latest European multi-later powder coating process and technology with DULUX super-durable powders. The result is a long-lasting, low-maintenance aluminium finish designed to meet the critical sustainability demands of Australia's built environments and harsh climate.

AAF and DULUX warranties are 25 years for film performance and 20 years for colour performance.

Evergrain[®] complies with the globally recognised AAMA2604 standard and Australian standard AS3715.





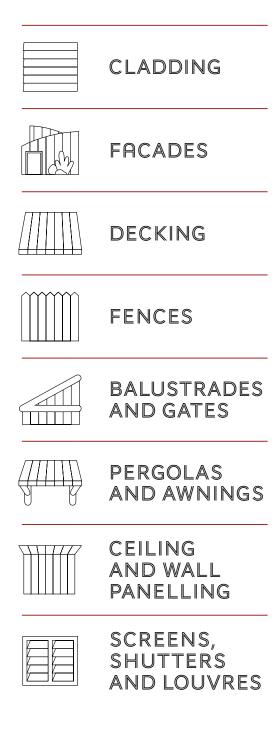




Finishes that elevate design

The AAF Evergrain[®] collection offers a wide variety of colours and authentic grain patterns, bringing the natural beauty of timber to any architectural setting.

The versatility of Evergrain® adds to a myriad of exterior or interior architectural design applications.



How it works

Evergrain[®] is a multi-layered powder-coated finish.

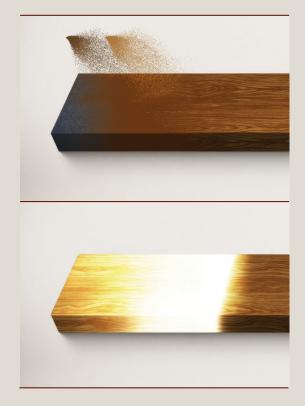
The powder coating is applied in two stages: base coat and grain pattern, known as POP – Powder on Powder.

The initial base coat is applied using the same process as regular powder coating, then partially heat cured.

The second grain-pattern coat is applied using a unique powder coating process.

The profile is then fully cured, and the two powders are fused to create a single textured coating.

The result is the natural look and feel of real timber.



Evergrain[®] Timber Colours, Grain Patterns and Textures

The Evergrain[®] range of colours, grain patterns, and textures continues to evolve to extend its impact on contemporary design.

Its unmatched durability is derived from the AAF Evergrain[®] process and DULUX Powder Coating technology.



AAF BEECH The sandy warm-neutral tones of Australian Beech.



AAF GOLDEN OAK A pale golden palette that

resembles the Australian Blackbutt timber species.



AAF ENGLISH OAK The dark brown and chocolate tones of English Oak.



AAF BLACKWOOD The very dark tones of blackened or charred timber.



AAF DRIFTWOOD A grey-brown palette that evokes timber aged by seawater.



AAF CHESTNUT The rich brown palette of Chestnuts.

Each Evergrain[®] finish is made from a unique combination of base coat colour, grain coat colour and grain pattern.



AAF HAZELNUT The rich warm-red colouring of Hazelnuts.



AAF SPOTTED GUM The natural mid-brown tones of Australian Spotted Gum.



AAF WALNUT A rich brown palette that resembles native Australian Walnut.



AAF WESTERN RED CEDAR

The bold red hues of Western Red Cedar.



AAF WEATHERED GREY A pale neutral tone with the sun-bleached look of weathered timber.



AAF WHITEWOOD A pale palette that resembles white-stained timber.

Why choose AAF Evergrain[®]

01

Beautiful, textural timber finishes

The unique multi-layered powder-coating process provides Evergrain® with timber's natural beauty and textured feel.

02 Uncompromised durability

Australia's most durable woodgrain finish is made possible with Evergrain[®]. The unique combination of powder coating process, technology, and DULUX super durable powders maximises surface durability and sustains a consistent appearance throughout its life.

03 Up to 25-Years Warranty

DULUX super durable powders are supported by Alumi Shield[™] warranties, which guarantee the durability of the coated aluminium for 25 years and colour retention for 20 years.

04 More durable than Sublimation

The Evergrain[®] multi-layer, powderon-powder woodgrain finish offers unmatched durability and colour retention compared to the common sublimation process woodgrain finishes. The Evergrain[®] exclusive use of only super durable architectural-grade powders, without the sublimation ink process, guarantees the grain to be more than twice as durable.

05 Sustainability

Evergrain[®] delivers several sustainability advantages. Powder coating produces less waste and volatile organic compounds than liquid paint. Its extended surface durability lowers its whole-of-life emissions. The aluminium substrate is endlessly recyclable. Plus, it delivers the beauty of natural timber without the impacts of forestry.

Why choose AAF Evergrain®

b Low maintenance

The powder coating surface applied by AAF has excellent colour retention, is highly chip-resistant and is easy to clean. Together with its aluminium substrate, Evergrain® is highly corrosionresistant and low-maintenance.

Non-combustible

The DULUX super-durable polyester powders used in Evergrain® are certified under AS 1530.3-1999 and comply with BCA1999, meaning they can be used wherever a non-combustible material is required.

Wide range of colours and grain textures

Evergrain[®] is available in a wide variety of colours and textured grain patterns inspired by natural Australian timbers.

9 AAF expertise

Australian Aluminium Finishing brings nearly 50 years of aluminium surface coating experience. The result is unrivalled expertise and a reputation for the highestquality finishes.

10

Extrusion and Sheet Finishing

Only Evergrain[®] brings the beauty and versatility of powder-coated aluminium woodgrain finishes to extruded and sheet aluminium products.

More durable than Sublimation

The Evergrain[®] multi-layer, powder-onpowder woodgrain finish offers unmatched durability and colour retention compared to sublimation process woodgrain finishes.

The Evergrain[®] exclusive use of DULUX super durable architectural-grade powders guarantees the grain to be twice as durable as sublimation.

Evergrain[®] Powder-on-Powder

Heat treating melds the two powder coating layers into a super durable, fade-resistant finish.

vs. Ink Sublimation

The ink sublimation layer is subject to differential fading that occurs more rapidly than powder coating.

Finish Specifications

Extrusion				
Maximum extrusion length (mm)	7,000			
Standard extrusion lengths (mm)	5,000, 5,500, 6,000, 6,500, 7,000			
Maximum extrusion width (mm)	350			
Maximum extrusion depth (mm)	250			
Sheet				
Maximum sheet length (mm)	4,000			
Maximum sheet width (mm)	1,250			
Applicable standards				
Powder coating performance	AAMA2604 (Global), AS3715 (Australia)			
Non-combustible	AS 1530.3-1999			
DULUX Alumi-Shield Warranties				
Aluminium Durability Warranty	25 years			
Aluminium Colour Warranty	20 years			
Custom Colour and Grain combinations				
Available on request subject to conditions. Contact the AAF sales team.				

Grain	pattern	length/re	peat ((mm))

Grain pattern dimensions

1,780

Please note: When using the aluminium sheet as the substrate, the sheet must be flat to ensure optimum results. Bent sheets will reduce the clarity and intensity of the grain pattern.



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