



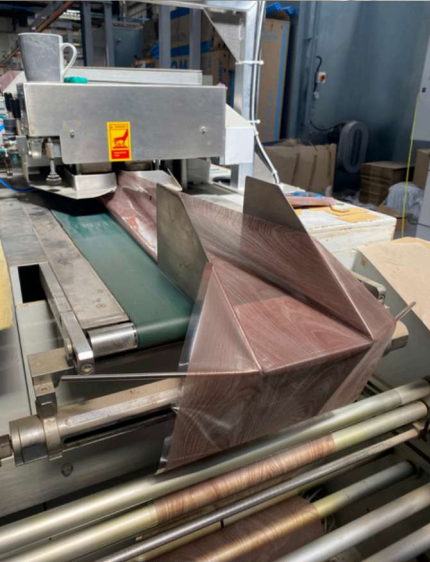
Aligates
BUILT TO LAST

GATE FINISHES

2026

WWW.ALIGATES.CO.UK





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Pre-Treatment Information

At Aligates, the treatment and coating of our aluminium profiles is fundamental to product performance, durability and finish quality.

All aluminium profiles are treated internally and externally with a high-performance polymer sealant to enhance durability and protect structural integrity. The final exterior finish is applied using Interpon D2525 architectural-grade powder coating, selected for its proven durability and consistent finish quality.

Our process begins with a controlled 7-stage pre-treatment system. Aluminium profiles are submerged in a sequence of specially formulated tanks designed to clean, degrease, etch and polymer-seal the surface. This ensures comprehensive treatment both inside and out – not just the visible faces.

This preparation enhances corrosion resistance, improves coating adhesion and provides the correct foundation for both powder coating and the sublimation process used to create our wood grain finishes.



Quality control is embedded throughout the process to ensure consistency, durability and finish performance before profiles move to machining and final assembly.

Powder-Coating Information

Our powder coating is carried out on a fully automated coating line, ensuring consistent application, controlled film build and repeatable finish quality across every component.



We use Interpon D2525 architectural-grade powder, developed to withstand harsh environmental conditions and provide long-term durability in exposed locations. This system delivers enhanced performance compared to standard flat finishes such as matt, satin or gloss.

Our standard finish is Structura — a textured matt coating designed to combine durability with a refined architectural appearance. The textured surface improves impact resistance and helps minimise the visibility of minor surface marks.

After application, profiles pass through a 25-metre curing oven operating at approximately 200°C, where they are cured for around 20 minutes.

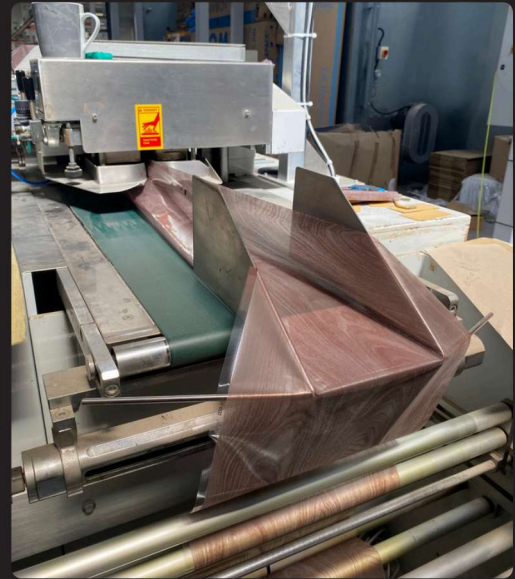
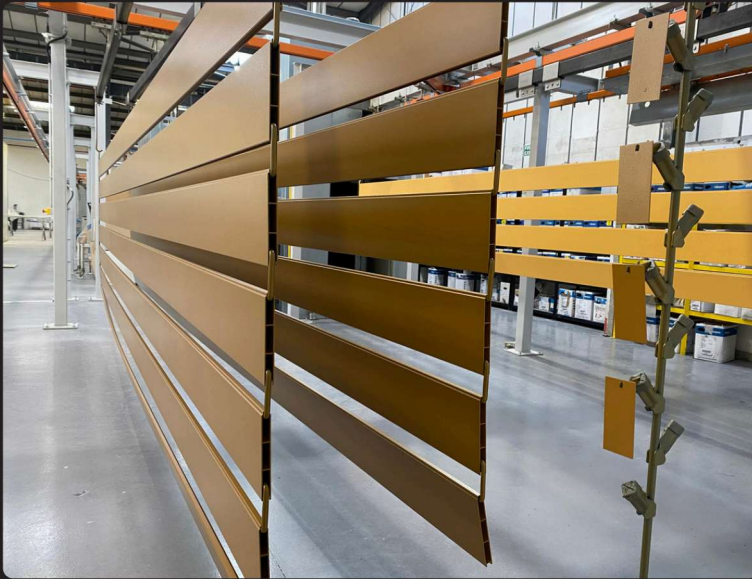
This controlled curing process allows the coating to fully flow, bond and harden, ensuring correct adhesion and long-term performance.



Woodgrain Sublimation Information

Woodgrain sublimation is a specialist coating process used to create realistic wood grain and decorative finishes on aluminium profiles.

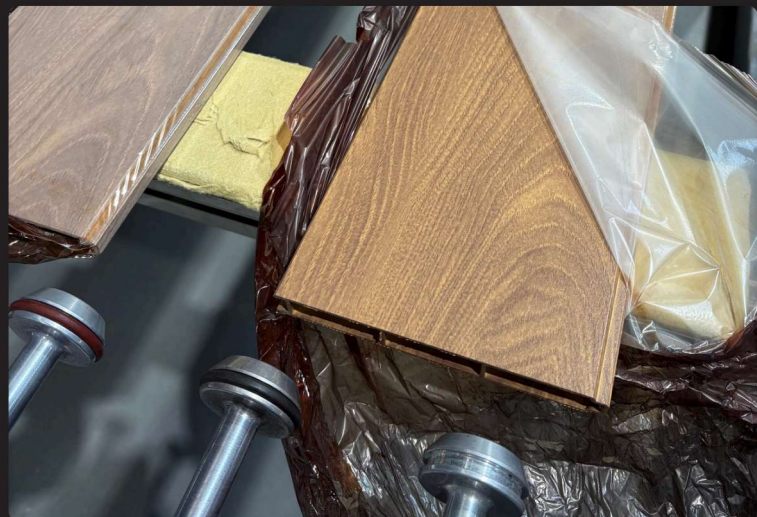
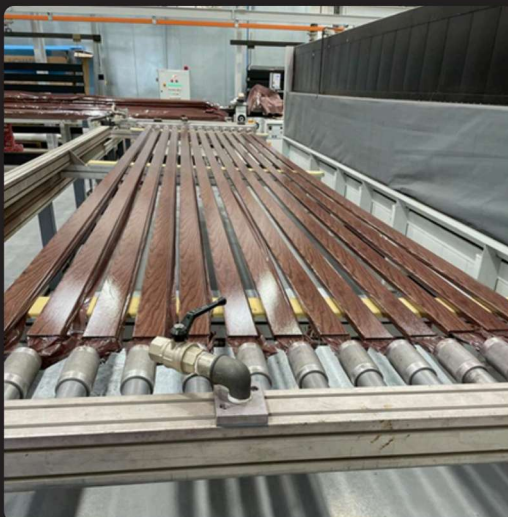
The process begins with a standard powder coating base layer applied to the aluminium surface. Once cured, a printed film containing the chosen wood grain pattern is wrapped around the profile.



A vacuum process removes air between the film and the coated surface, ensuring full contact. The profile is then heated in a controlled oven. During this stage, the special inks on the film convert into a gas and penetrate into the powder coating layer.

As the coating cools, the pattern becomes permanently embedded within the surface.

The result is a durable, high-definition wood grain finish that combines the appearance of natural timber with the strength, stability and low maintenance benefits of powder-coated aluminium.



Standard RAL Colours

Our standard finish, Structura, is a textured matt coating with a low sheen of approximately 5%. It offers long-term durability and colour stability.

Five standard RAL Classic colours are available and supplied at no additional cost (shown below).

RAL 7016
Anthracite Grey



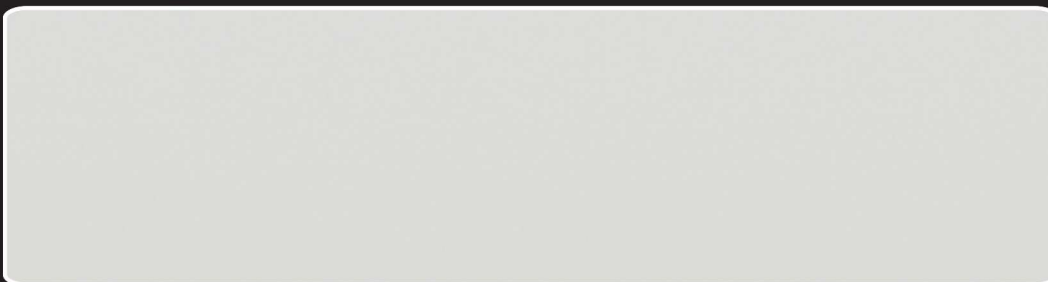
RAL 7021
Black Grey



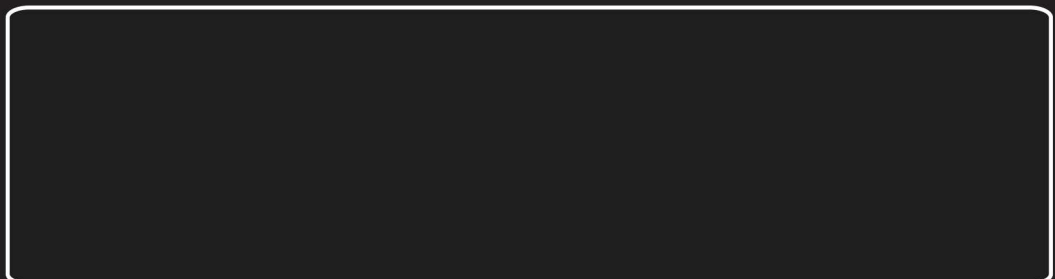
RAL 7032
Pebble Grey



RAL 9003
Signal White



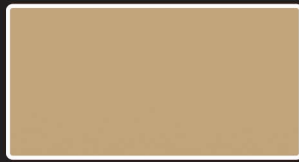
RAL 9005
Jet Black



Colours shown are indicative only, please enquire for final order samples

Non-Standard RAL Colours 1

The RAL Classic colours shown on pages 6-9 are covered under our 'Non-standard RAL' option.



RAL 1011
Beige



RAL 1013
Oyster White



RAL 1015
Light Ivory



RAL 1016
Sulfur Yellow



RAL 1018
Zinc Yellow



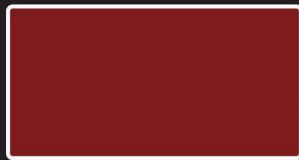
RAL 1019
Grey Beige



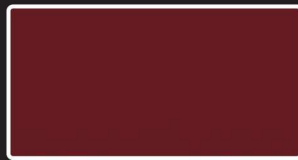
RAL 3000
Flame Red



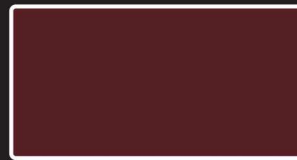
RAL 3002
Carmine Red



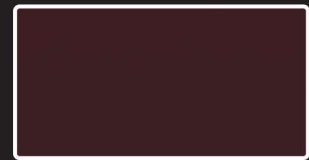
RAL 3003
Ruby Red



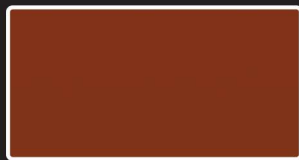
RAL 3004
Purple Red



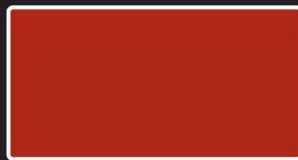
RAL 3005
Wine Red



RAL 3007
Black Red



RAL 3011
Brown Red



RAL 3020
Traffic Red



RAL 4005
Blue Lilac



RAL 4006
Traffic Purple



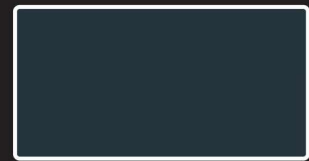
RAL 5002
Ultramarine Blue



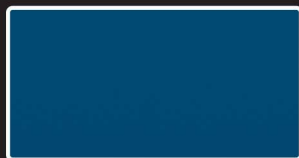
RAL 5003
Sapphire Blue



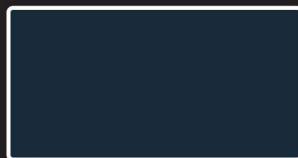
RAL 5005
Signal Blue



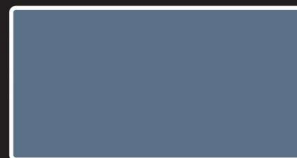
RAL 5008
Grey Blue



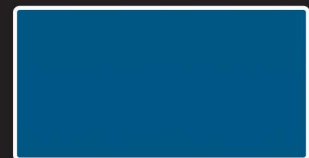
RAL 5010
Gentian Blue



RAL 5011
Steel Blue



RAL 5014
Pigeon Blue



RAL 5017
Traffic Blue

Colours shown are indicative only, please enquire for final order samples

Non-Standard RAL Colours 2



RAL 5018
Turquoise Blue



RAL 5023
Distant Blue



RAL 5024
Pastel Blue



RAL 6003
Olive Green



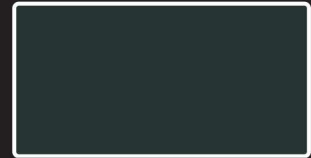
RAL 6005
Moss Green



RAL 6007
Bottle Green



RAL 6009
Fir Green



RAL 6012
Black Green



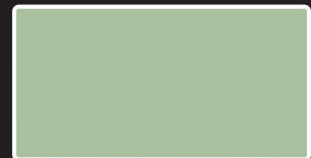
RAL 6016
Turquoise Green



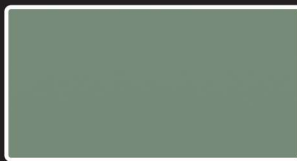
RAL 6017
May Green



RAL 6018
Yellow Green



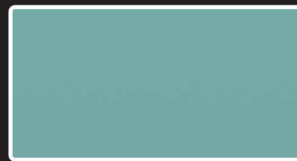
RAL 6019
Pastel Green



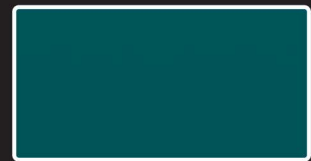
RAL 6021
Pale Green



RAL 6024
Traffic Green



RAL 6027
Light Green



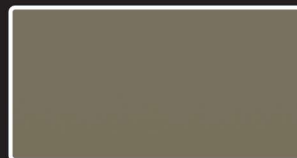
RAL 6029
Mint Green



RAL 7000
Squirrel Grey



RAL 7001
Silver Grey



RAL 7002
Olive Grey



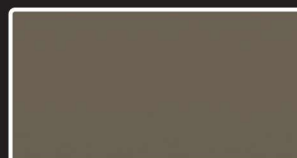
RAL 7003
Moss Grey



RAL 7004
Signal Grey



RAL 7005
Mouse grey



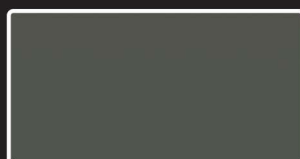
RAL 7006
Beige Grey



RAL 7008
Khaki Grey



RAL 7009
Green Grey



RAL 7010
Tarpaulin Grey



RAL 7011
Iron Grey



RAL 7012
Basalt Grey

Colours shown are indicative only, please enquire for final order samples

Non-Standard RAL Colours 3



RAL 7013
Brown Grey



RAL 7015
Slate Grey



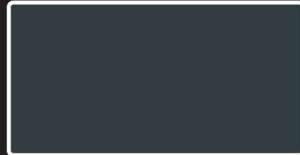
RAL 7022
Umbra Grey



RAL 7023
Concrete Grey



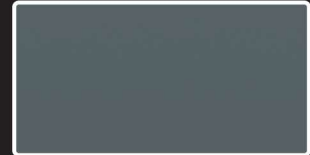
RAL 7024
Graphite Grey



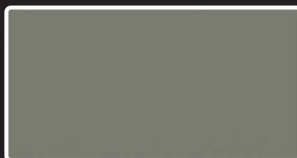
RAL 7026
Granite Grey



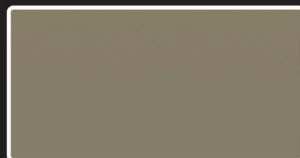
RAL 7030
Stone Grey



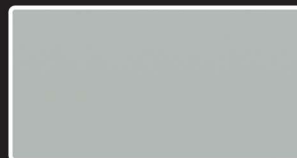
RAL 7031
Blue Grey



RAL 7033
Cement Grey



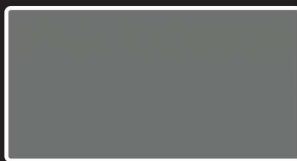
RAL 7034
Yellow Grey



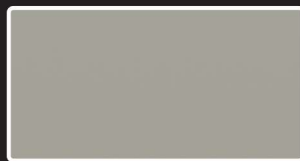
RAL 7035
Light Grey



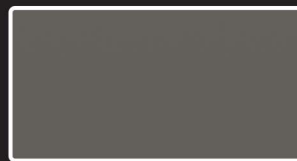
RAL 7036
Platinum Grey



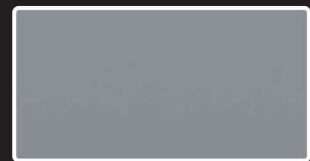
RAL 7037
Dusty Grey



RAL 7038
Agate Grey



RAL 7039
Quartz Grey



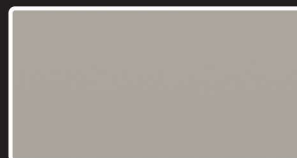
RAL 7040
Window Grey



RAL 7042
Traffic Grey A



RAL 7043
Traffic Grey B



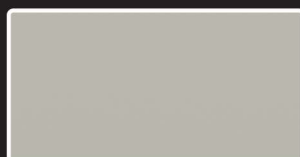
RAL 7044
Silk Grey



RAL 7045
Telegrey 1



RAL 7046
Telegrey 2



RAL 7047
Telegrey 4



RAL 8000
Green Brown



RAL 8001
Ochre Brown



RAL 8002
Signal Brown



RAL 8003
Clay Brown



RAL 8004
Copper Brown



RAL 8007
Fawn Brown

Colours shown are indicative only, please enquire for final order samples

Non-Standard RAL Colours 4



RAL 8008
Olive Brown



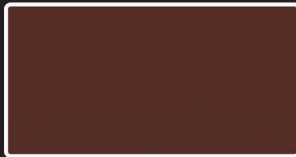
RAL 8011
Nut Brown



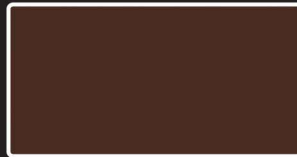
RAL 8012
Red Brown



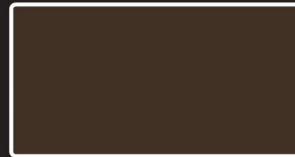
RAL 8014
Sepia Brown



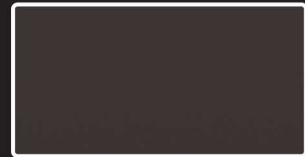
RAL 8015
Chestnut Brown



RAL 8016
Mahogany Brown



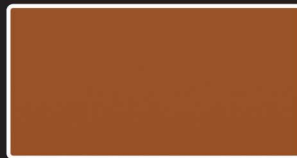
RAL 8017
Chocolate Brown



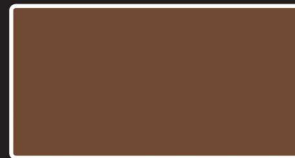
RAL 8019
Grey Brown



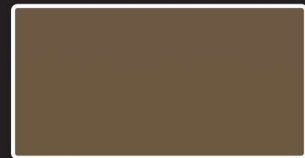
RAL 8022
Black Brown



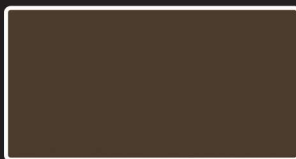
RAL 8023
Orange Brown



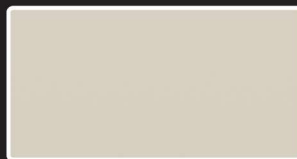
RAL 8024
Beige Brown



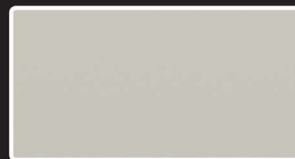
RAL 8025
Plate Brown



RAL 8028
Terra Brown



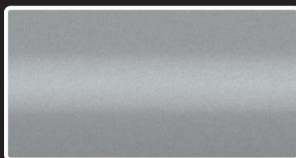
RAL 9001
Cream



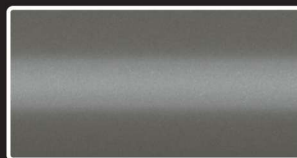
RAL 9002
Grey White



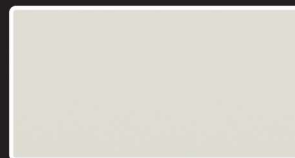
RAL 9004
Signal Black



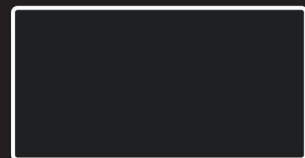
RAL 9006
White Aluminium



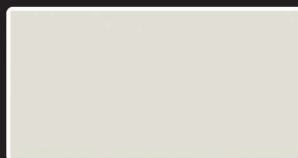
RAL 9007
Grey Aluminium



RAL 9010
Pure White



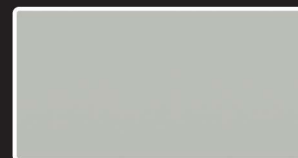
RAL 9011
Graphite Black



RAL 9016
Traffic White



RAL 9017
Traffic Black



RAL 9018
Papyrus White

Colours shown are indicative only, please enquire for final order samples

Standard Woodgrains

Woodgrain finishes are available as either Hybrid Woodgrain or Full Woodgrain options. A Hybrid Woodgrain finish combines a RAL-coloured frame with woodgrain planks, or vice versa.

Our ten standard woodgrain finish options are shown below.

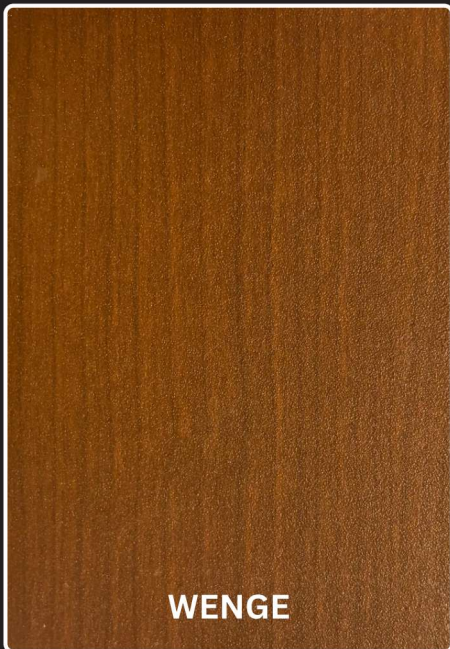


Colours shown are indicative only, please enquire for final order samples

Non-Standard Woodgrains

Woodgrain finishes are available as either Hybrid Woodgrain or Full Woodgrain options. A Hybrid Woodgrain finish combines a RAL-coloured frame with woodgrain planks, or vice versa.

Below are our non-standard woodgrain finishes available at an additional cost.



WENGE



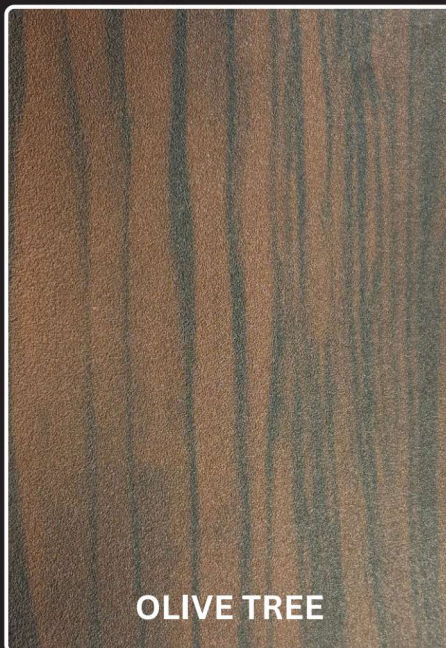
CHARCOAL ASH



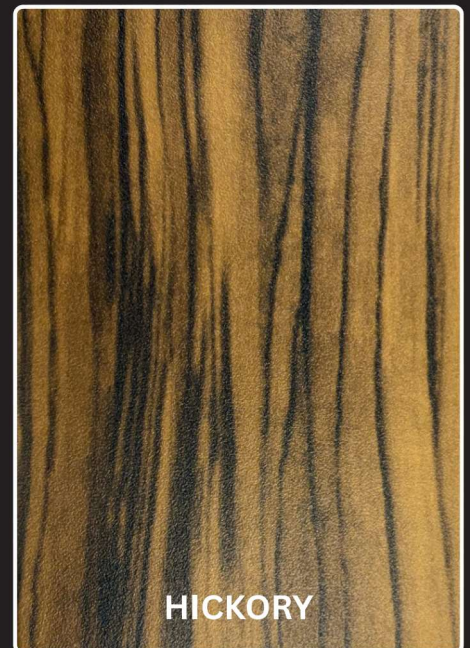
ZEBIRANO



CHESTNUT



OLIVE TREE



HICKORY

Colours shown are indicative only, please enquire for final order samples

Coastal Areas

Coastal environments accelerate corrosion. Salt, moisture and airborne contaminants significantly increase the risk of surface breakdown, particularly in properties located closer to the coastline.

To address this, all profiles are fully cut and CNC-machined before coating. This ensures complete and consistent surface preparation, allowing the coating to bond effectively across all areas, including joints, edges and internal sections.

Components then pass through our controlled 7-stage pre-treatment process, including full immersion in a chrome-free polymer sealant. This protects the aluminium both internally and externally, helping to reduce the risk of corrosion developing beneath the surface over time.

A 120 micron architectural-grade powder coat is then applied, creating a durable, uniform finish designed to withstand more demanding environments.

The result is a high-performance coating that not only improves corrosion resistance, but also helps retain the gate's original colour and finish for longer. This reduces visible wear, slows the effects of weathering, and minimises ongoing maintenance.

Coastal exposure typically applies to properties within approximately 5,000 m of the coastline, with conditions becoming increasingly severe within 2,000 m and most severe near the shoreline.

In C3 inland environments, life expectancy can reach approximately 15 years with regular cleaning. In coastal (C4) environments, performance will vary depending on distance from the sea, local conditions and maintenance schedule.

Please refer to the life expectancy chart below.

Location	Single Coat	Min Cleaning Requirements	Coastal Coating	Min Cleaning Requirements
2000m – 5000m from Coastline	5 Years	Every 6 Months	15 Years	Every 12 Months
500m – 2000m from Coastline	N/A	Every 3 Months	10 Years	Every 3 Months
50m – 500m from Coastline	N/A	Every 3 Months	5 Years	Every 3 Months
Less than 50m from Coastline	N/A		N/A	

Bespoke Colour Service

For projects requiring a specific or brand-matched finish, we provide a Bespoke Colouring Service.

This includes specialist colour collections such as British Standard, RAL Design and Farrow & Ball, as well as custom-matched finishes to meet individual project requirements.



Bespoke colours are manufactured to order from Akzo Nobel, produced specifically for the project, ensuring colour accuracy and consistency.

Due to the made-to-order nature of this service, bespoke colours are subject to confirmed availability and lead times prior to production.

All bespoke finishes are applied using the same controlled pre-treatment and coating process as our standard range, ensuring consistent durability, adhesion and long-term performance.



Farrow & Ball
No.25 Pigeon



Aligates
BUILT TO LAST



**MADE IN
BRITAIN**