WINDYPODS WINDOW SURROUNDS

by Guttercrest

COLOUR & FINISHES GUIDE

PPC COLOUR FINISHES & EFFECTS



www.windowpods.co.uk

COLOUR & FINISHES GUIDE

All products can be supplied in either mill finish aluminium or coated in a wide variety of colours and finishes using a polyester powder coating (PPC) process.

WHAT IS MILL FINISH?

Mill finish is the natural appearance of the aluminium after extrusion and before any coatings are applied. Mill finish rainwater goods will have a semi-dull/semi-reflective finish.

WHAT IS POLYESTER POWDER COATING?

Polyester Powder Coating (PPC) is a type paint finish that is factory applied as a free flowing and dry powder.
The coating is typically applied electro-statically and is the cured under heat to allow it to flow and form a hard finish that is tougher and more resilient than conventional paint.

COSTS OF POLYESTER POWDER COATING

Some of the colours in the range will be available at our standard charges, some may incur extra cost. Metallics, anodising effect coating and stone effect coating are often more expensive.
The quantity of materials to be coated also influences the cost as small batches of special colours are expensive.









FIRE SAFETY ALUMINIUM BUILDING PRODUCTS

A1 A2

Aluminium does not burn and is classified under BS476-4 as a non-combustible building material. Mill Finish and Anodised Finish are Rated A1.

When Aluminium goods are Polyester Powder Coated (PPC) they are then rated...

BS476-6	Class 0 Fire propagation
BS476-7	Class 1 Surface spread of flame
EN13501-1	A2 s1, d0

Therefore our aluminium products fully conform with the approved Document B and can be used on any part of a building without limitation.

Find out more:
Guidance Note N°.6
PPC and the facts about fire

IMPORTANT: COLOURS ARE FOR REFERENCE ONLY AND DUE TO MONITOR AND PRINTER VARIATIONS MAY NOT REPRESENT THE TRUE COLOURS

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WINDYPODS STANDARD BLACK & WHITE FINISHES

Our standard Black is RAL 9005 with a Matt finish. Our standard White is RAL 9910 (Hipca White) with a Gloss finish.

RAL 9005

MATT FINISH 30%

HIPCA WHITE
RAL 9910

GLOSS FINISH 80%

COATING & APPLICATION SPECIFICATIONS

For the PPC finish to be durable and colour fast an external grade architectural powder should be used which conforms to BS 6496:1984. This should be applied in accordance with BS EN 12206-1:2004.

MARINE & INDUSTRIAL ENVIRONMENTS

The PPC finish in coastal areas (generally within 500m of the high water mark) needs to be marine standard PPC. Areas with harsh industrial pollution also need special consideration. Please contact us to confirm prior to placing orders, as extra costs may apply.



PPC GLOSS LEVELS

Architectural grade PPC is available in three gloss levels.

MATT 30%

SATIN 60%

GLOSS 80%

For architectural fabrications WindyPods recommends and uses MATT 30% with the exception of white where GLOSS 80% is recommended.

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SPECIAL FINISHES & COLOUR MATCHING

We can obtain a huge range of special colours and finishes, such as metallics, textures, stone effect, anodised and anodised effect finishes.
If you have a specific colour that you would like to achieve please contact us. With either a colour reference or a colour sample the colour can be made to a close match, costs and eligibility are dependant on the quantity of goods ordered and colour/finish to be applied.

METALLIC & PEARLESCENT FINISHES

There are several metallic and pearlescent finishes available within our current RAL colour chart. However if these do not meet requirements we can offer a much larger range of choice on application.

Specialist colours such as...
anthracite, bronze, champagne, cirrus, cobalt, emerald, garnet, graphite, gypsum, marine, pearl, pewter, platinum, quartz, silver stone, winter blue and zircon, are all obtainable.



HERITAGE Range



A Cast Iron effect:
Gutter, Hopper and Downpipe all finished in Heritage Cream from our Heritage Range.

STONE EFFECT Range



Blend in with the stonework:
Moulded OGEE Gutter with a finish from our Stone Effect Range.

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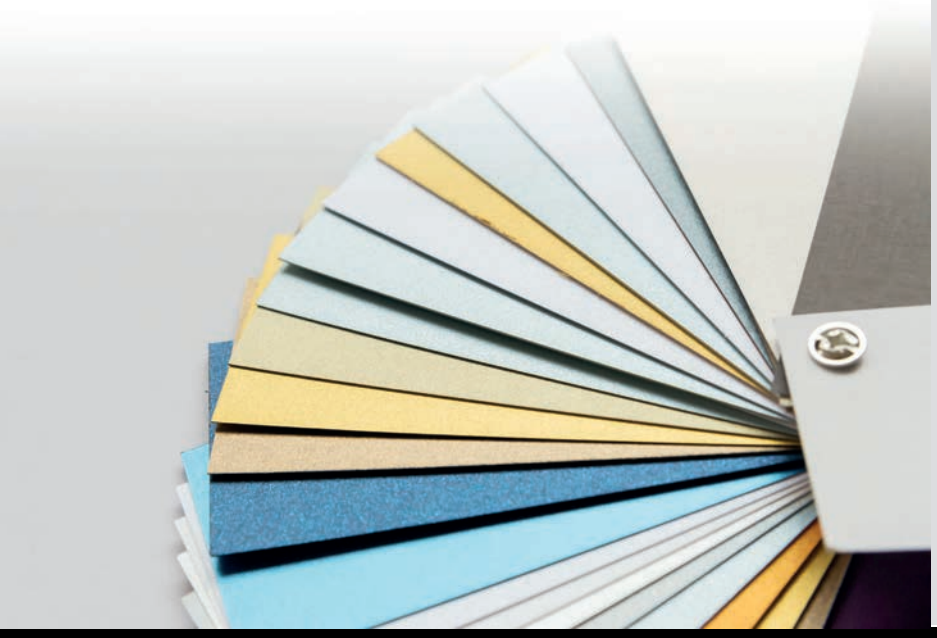
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ANODISED ALUMINIUM

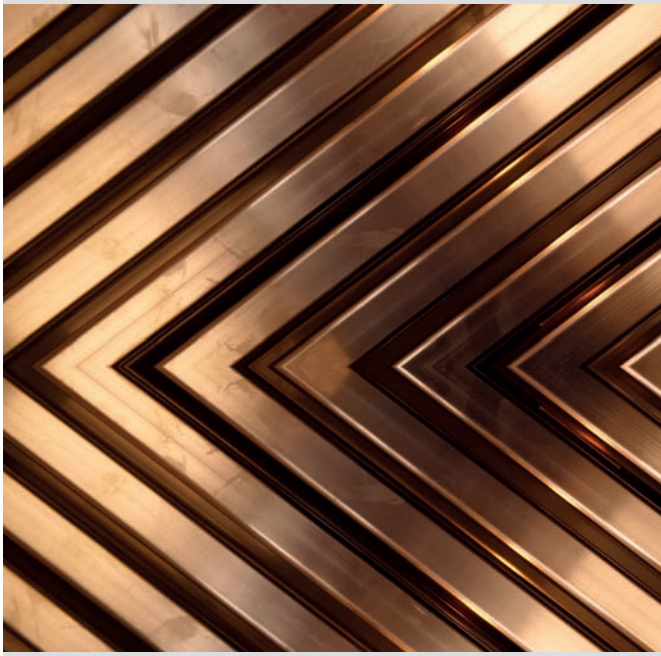
Anodising is an electrochemical process converting the aluminium surface into a decorative anodic oxide finish, the process adds a layer of aluminium oxide which slightly increases the thickness of the metal.

The process integrates the surface finish with the underlying aluminium making it an easy surface to maintain as it can be cleaned with mild detergents to restore the original lustre.
It will not peel or flake off as its integral to the metal and it offers protection to the base metal giving it a deeper and richer metallic appearance.

There are however limitations to it's use on fabricated architectural products. There can be colour variations which makes it difficult to control colour consistency on large batches.
Once the surface is scratched it cannot be repaired. Surface imperfections from the manufacturing processes will be visible through the finish.



ANODISED EFFECT *Range*



GET THE ANODISED EFFECT WITH ALL THE BENEFITS OF PPC

WindyPods' Anodised effect PPC finish gives you all the benefits of PPC without the limitations of traditional anodising.
The coating can be repaired, it has proven long term resistance to weathering and a lower environmental impact.

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RAL COLOUR CHART

We have compiled this colour chart to assist you in selecting a colour for your property. The charts are indicative and may not reflect the true colour. RAL Colours are now the most commonly used for Architectural Polyester Powder Coatings (PPC).



For other colour availability please contact us

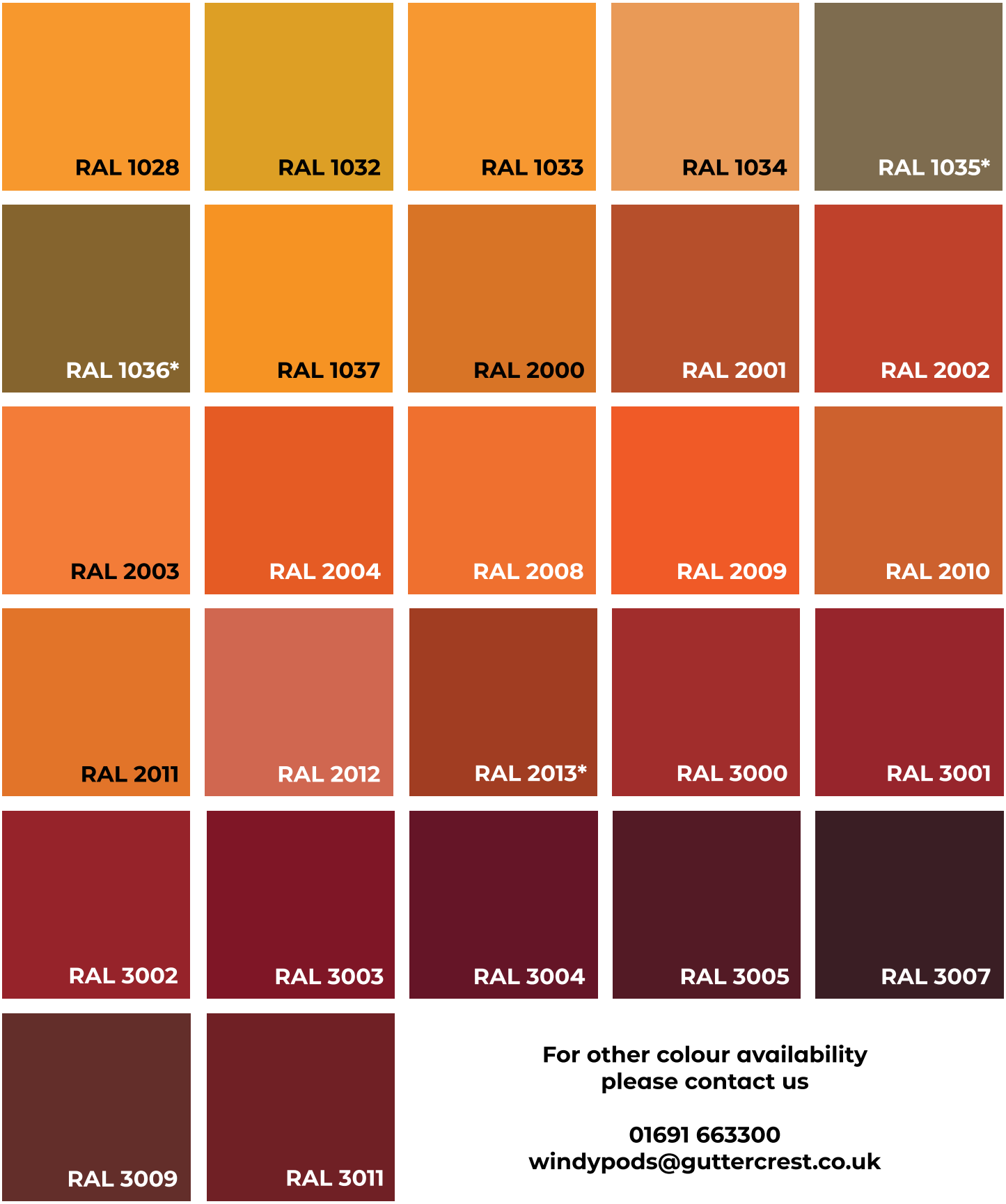
01691 663300
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*** METALLIC** **† WINDYPODS STANDARD BLACK & WHITE**

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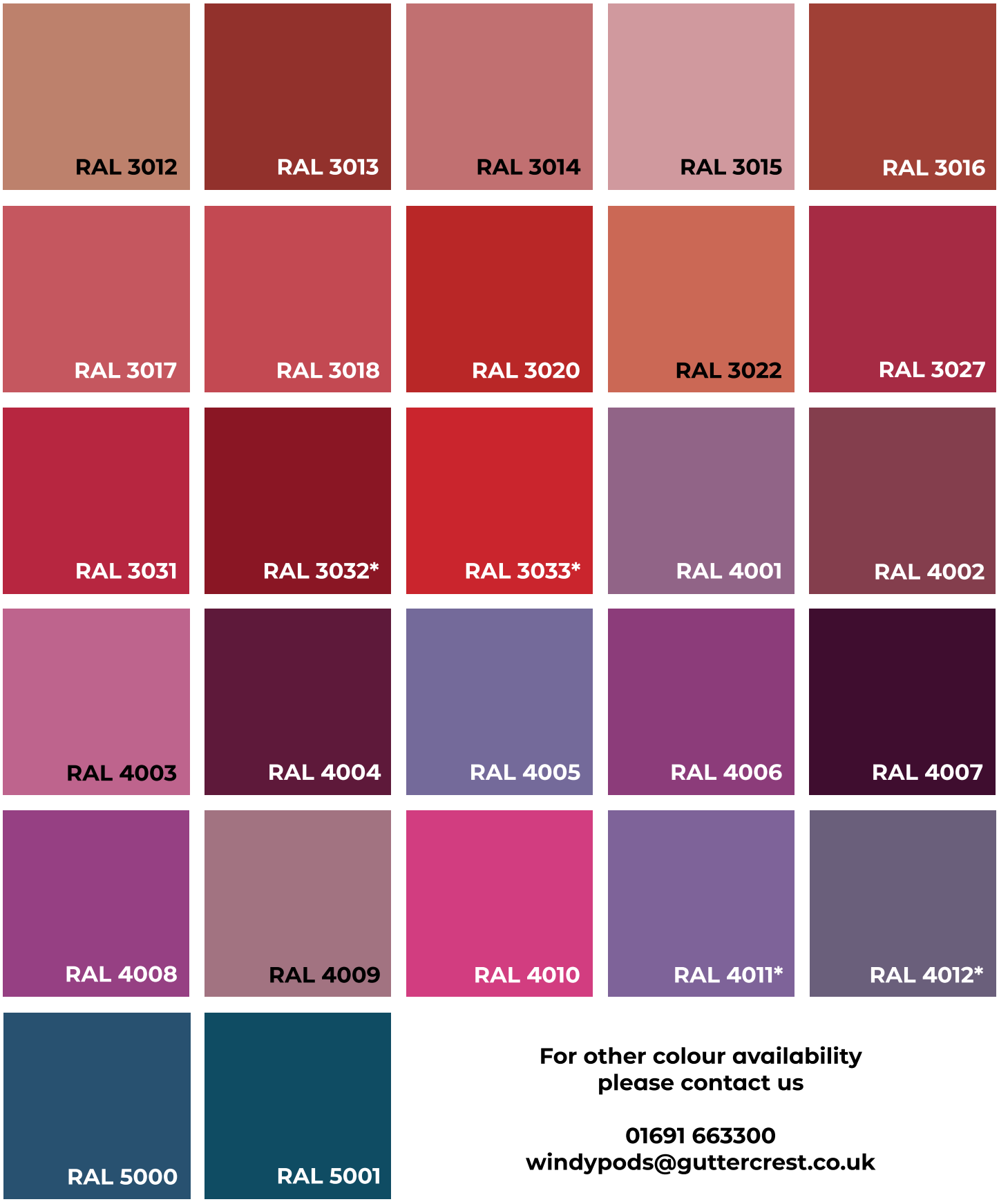
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RAL 9022*	RAL 9023*	HIPCA WHITE † RAL 9910	CRITTAL WHITE RAL 9911

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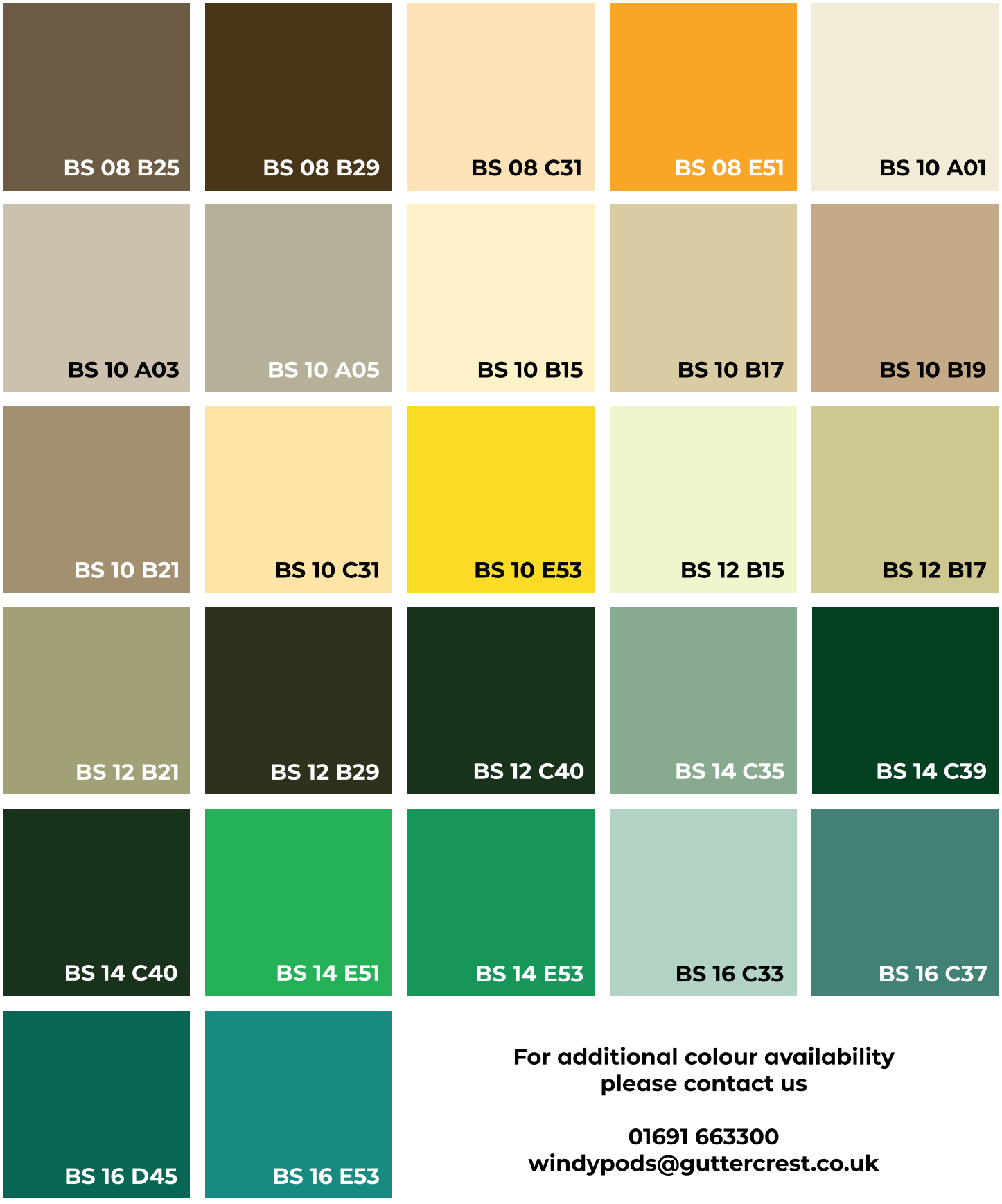
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BS 18 B17

BS 18 B21

BS 18 B25

BS 18 B29

BS 18 C39

BS 18 E49

BS 18 E51

BS 18 E53

BS 20 C33

BS 20 C40

BS 20 D45

BS 20 E51

PANTONE 300

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HERITAGE
Range


HERITAGE NAVY


HERITAGE SAGE


HERITAGE RUBY


HERITAGE CARAMEL


HERITAGE HOLLY


HERITAGE LEAD


HERITAGE BLACK


HERITAGE CREAM

WindyPods' Heritage range gives a textured cast iron effect finish in a range of traditional colours

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STONE EFFECT
Range

WindyPods' Stone Effect finish is designed to blend in with existing brick/stonework. A lightweight and low maintenance alternative to stone with long term weather resistance



For colour range and availability please contact us

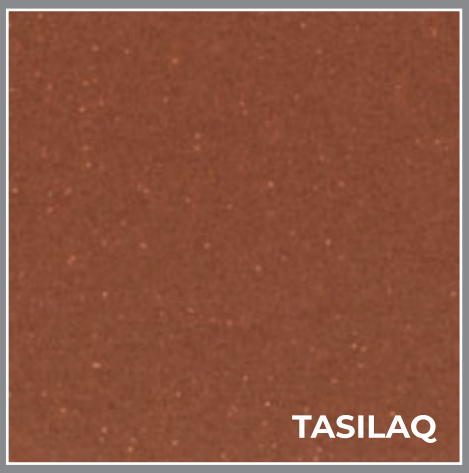
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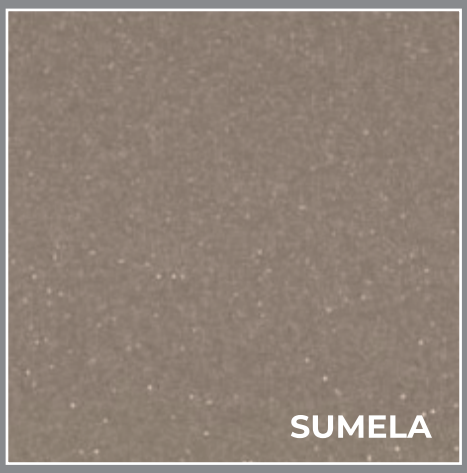
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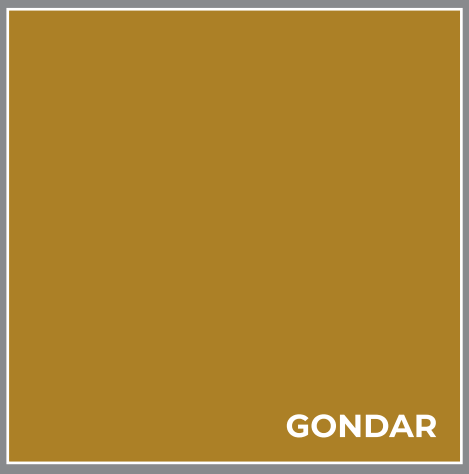
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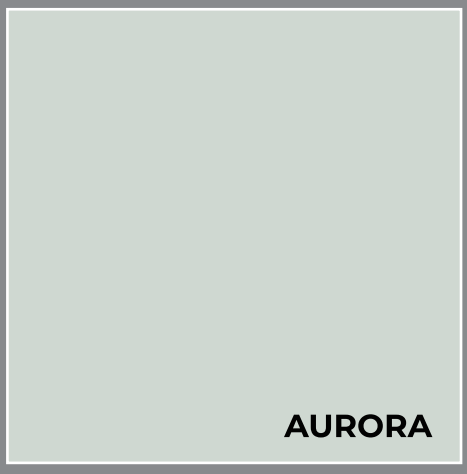
ANODISED EFFECT *Range*

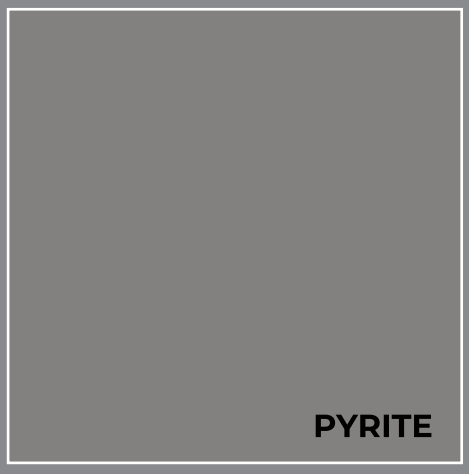












These attractive matt and metallic effect finishes provide a great alternative to anodised aluminium. Anodised effect colours use ultra-durable polyester technology to give a long service life.

FEATURES:

- Easy repair of coating damage during installation
- Proven long-term resistance to weathering
- Minimal environmental impact

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