

CONCEAL

**COLUMN
CASINGS**

by Guttercrest

COLOUR & FINISHES GUIDE

PPC COLOUR FINISHES & EFFECTS



www.columncasing.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.

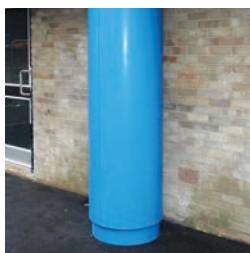
WHAT IS POLYESTER POWDER COATING?

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 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



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

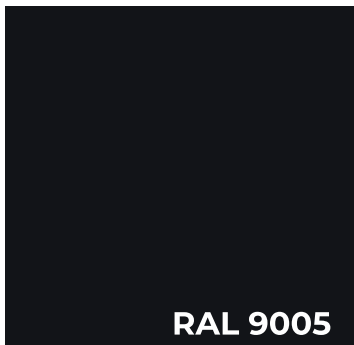
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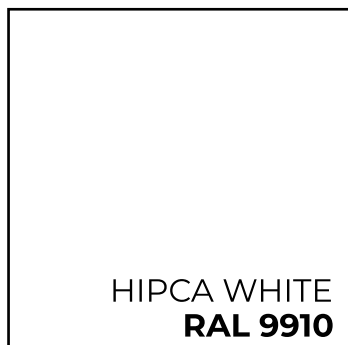
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CONCEAL STANDARD BLACK & WHITE FINISHES

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



MATT FINISH
30%



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 Conceal recommends and uses MATT 30% with the exception of white where GLOSS 80% is recommended.

COLOUR & FINISHES GUIDE

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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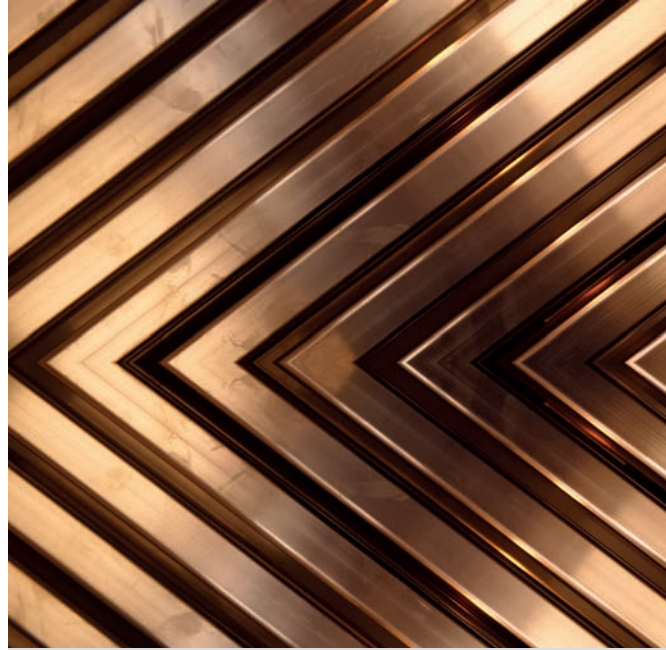
ANODISED ALUMINIUM

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 its 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

Guttercrest's Anodised effect PPC finish gives you all the benefits of PPC without the limitations of traditional anodising.

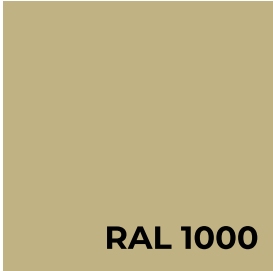
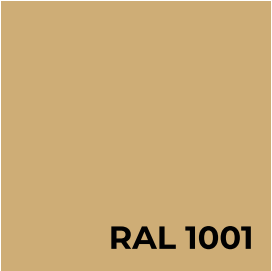



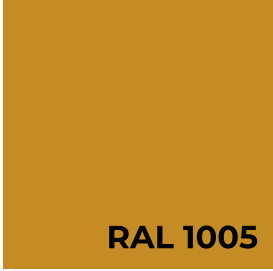
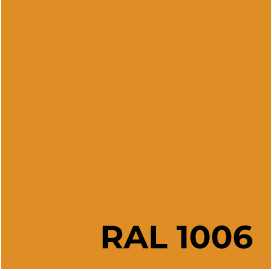



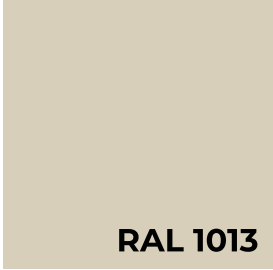

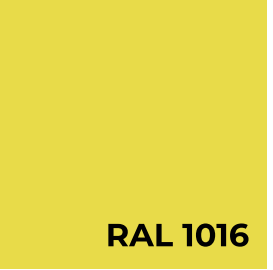







The coating can be repaired, it has proven long term resistance to weathering and a lower environmental impact.

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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).




















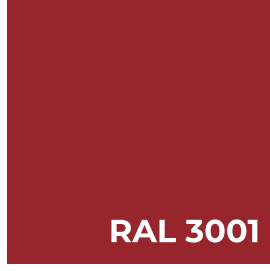







 RAL 1000	 RAL 1001	 RAL 1002	 RAL 1003	 RAL 1004
 RAL 1005	 RAL 1006	 RAL 1007	 RAL 1011	 RAL 1012
 RAL 1013	 RAL 1014	 RAL 1015	 RAL 1016	 RAL 1017
 RAL 1018	 RAL 1019	 RAL 1020	 RAL 1021	 RAL 1023
 RAL 1024	 RAL 1027	<p>For other colour availability please contact us</p> <p>01691 663300 conceal@guttercrest.co.uk</p>		

* METALLIC

† CONCEAL STANDARD BLACK & WHITE

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 RAL 1028	 RAL 1032	 RAL 1033	 RAL 1034	 RAL 1035*
 RAL 1036*	 RAL 1037	 RAL 2000	 RAL 2001	 RAL 2002
 RAL 2003	 RAL 2004	 RAL 2008	 RAL 2009	 RAL 2010
 RAL 2011	 RAL 2012	 RAL 2013*	 RAL 3000	 RAL 3001
 RAL 3002	 RAL 3003	 RAL 3004	 RAL 3005	 RAL 3007
 RAL 3009	 RAL 3011	<p>For other colour availability please contact us</p> <p>01691 663300 conceal@guttercrest.co.uk</p>		

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RAL 3012	RAL 3013	RAL 3014	RAL 3015	RAL 3016
RAL 3017	RAL 3018	RAL 3020	RAL 3022	RAL 3027
RAL 3031	RAL 3032*	RAL 3033*	RAL 4001	RAL 4002
RAL 4003	RAL 4004	RAL 4005	RAL 4006	RAL 4007
RAL 4008	RAL 4009	RAL 4010	RAL 4011*	RAL 4012*
RAL 5000	RAL 5001	<p>For other colour availability please contact us</p> <p>01691 663300 conceal@guttercrest.co.uk</p>		

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RAL 5002**RAL 5003****RAL 5004****RAL 5005****RAL 5007****RAL 5008****RAL 5009****RAL 5010****RAL 5011****RAL 5012****RAL 5013****RAL 5014****RAL 5015****RAL 5017****RAL 5018****RAL 5019****RAL 5020****RAL 5021****RAL 5022****RAL 5023****RAL 5024****RAL 5025*****RAL 5026*****RAL 6000****RAL 6001****RAL 6002****RAL 6003**

**For other colour availability
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 RAL 6004	 RAL 6005	 RAL 6006	 RAL 6007	 RAL 6008
 RAL 6009	 RAL 6010	 RAL 6011	 RAL 6012	 RAL 6013
 RAL 6014	 RAL 6015	 RAL 6016	 RAL 6017	 RAL 6018
 RAL 6019	 RAL 6020	 RAL 6021	 RAL 6022	 RAL 6024
 RAL 6025	 RAL 6026	 RAL 6027	 RAL 6028	 RAL 6029
 RAL 6031	 RAL 6032	<p>For other colour availability please contact us</p> <p>01691 663300 conceal@guttercrest.co.uk</p>		

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 RAL 6033	 RAL 6034	 RAL 6035*	 RAL 6036*	 RAL 7000
 RAL 7001	 RAL 7002	 RAL 7003	 RAL 7004	 RAL 7005
 RAL 7006	 RAL 7008	 RAL 7009	 RAL 7010	 RAL 7011
 RAL 7012	 RAL 7013	 RAL 7015	 RAL 7016	 RAL 7021
 RAL 7022	 RAL 7023	 RAL 7024	 RAL 7026	 RAL 7030
 RAL 7031	 RAL 7032	<p>For other colour availability please contact us</p> <p>01691 663300 conceal@guttercrest.co.uk</p>		

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 RAL 7033	 RAL 7034	 RAL 7035	 RAL 7036	 RAL 7037
 RAL 7038	 RAL 7039	 RAL 7040	 RAL 7042	 RAL 7043
 RAL 7044	 RAL 7045	 RAL 7046	 RAL 7047	 RAL 7048*
 RAL 8000	 RAL 8001	 RAL 8002	 RAL 8003	 RAL 8004
 RAL 8007	 RAL 8008	 RAL 8011	 RAL 8012	 RAL 8014
 RAL 8015	 RAL 8016	<p>For other colour availability please contact us</p> <p>01691 663300 conceal@guttercrest.co.uk</p>		

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 RAL 8017	 RAL 8019	 RAL 8022	 RAL 8023	 RAL 8024
 RAL 8025	 RAL 8027	 RAL 8028	 RAL 8029*	 RAL 8040
 RAL 8070	 RAL 8080	 RAL 9001	 RAL 9002	 RAL 9003
 RAL 9004	 RAL 9005 †	 RAL 9006*	 RAL 9007*	 RAL 9010
 RAL 9011	 RAL 9016	 RAL 9017	 RAL 9018	

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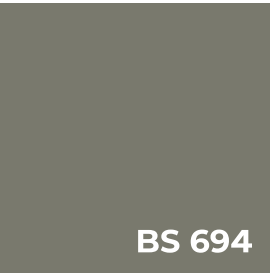




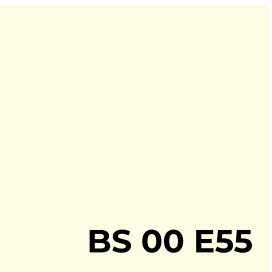



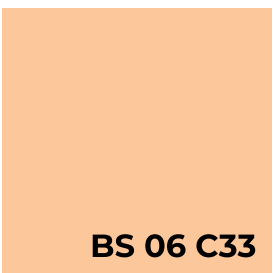


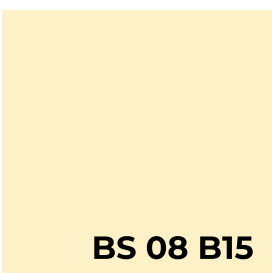

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 BS 105	 BS 166	 BA 226	 BS 537	 BS 538
 BS 631	 BS 632	 BS 693	 BS 694	 BS 00 A01
 BS 00 A05	 BS 00 A09	 BS 00 A13	 BS 00 E55	 BS 04 C39
 BS 04 D45	 BS 04 E53	 BS 06 C33	 BS 06 C39	 BS 06 E51
 BS 08 B15	 BS 08 B17	<p>For additional colour availability please contact us</p> <p>01691 663300 conceal@guttercrest.co.uk</p>		

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BS 08 B25	BS 08 B29	BS 08 C31	BS 08 E51	BS 10 A01
BS 10 A03	BS 10 A05	BS 10 B15	BS 10 B17	BS 10 B19
BS 10 B21	BS 10 C31	BS 10 E53	BS 12 B15	BS 12 B17
BS 12 B21	BS 12 B29	BS 12 C40	BS 14 C35	BS 14 C39
BS 14 C40	BS 14 E51	BS 14 E53	BS 16 C33	BS 16 C37
BS 16 D45	BS 16 E53			

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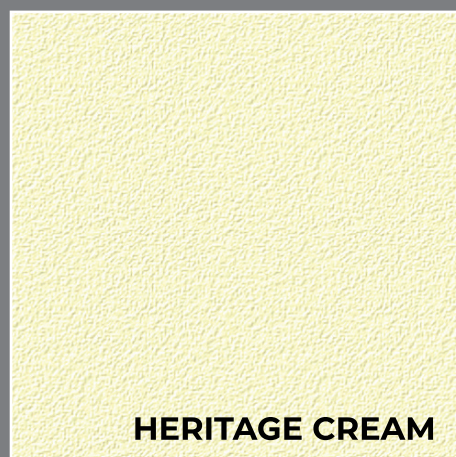
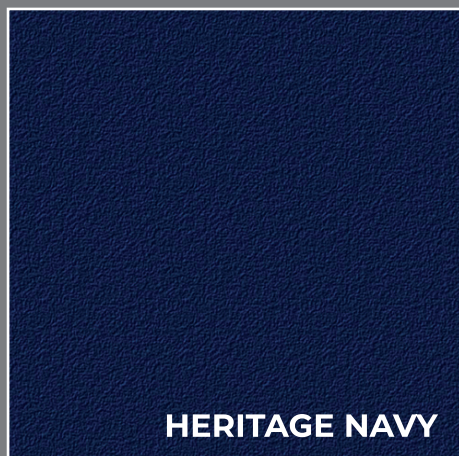
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HERITAGE

Range



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

For additional colour availability please contact us

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STONE EFFECT *Range*

Conceal's 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



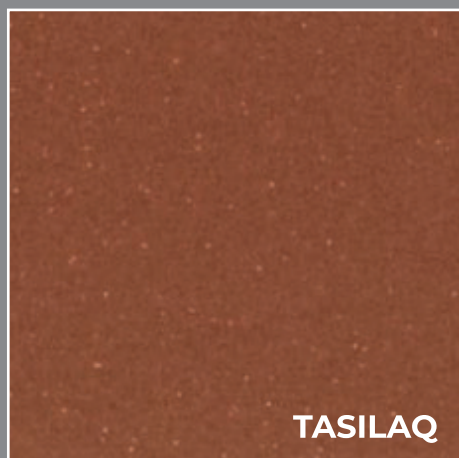
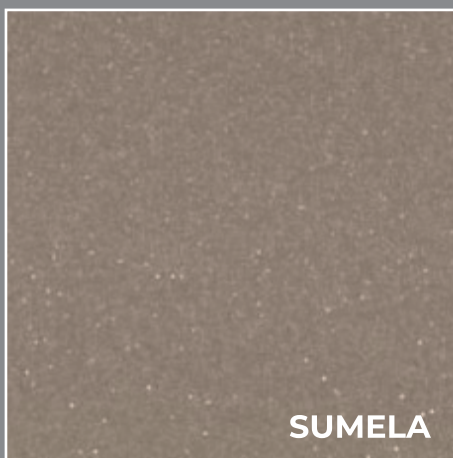
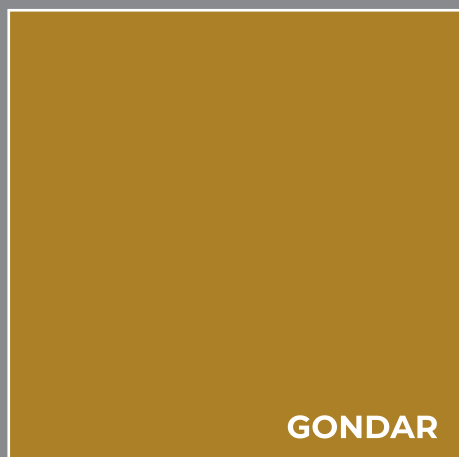
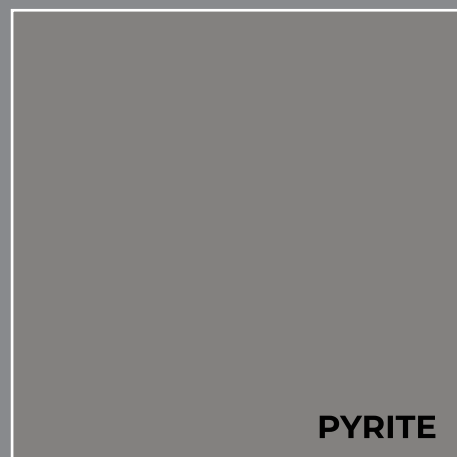
For colour range and availability please contact us

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ANODISED EFFECT *Range*

**TASILAQ****SUMELA****RIO****GONDAR****AURORA****PYRITE**

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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