



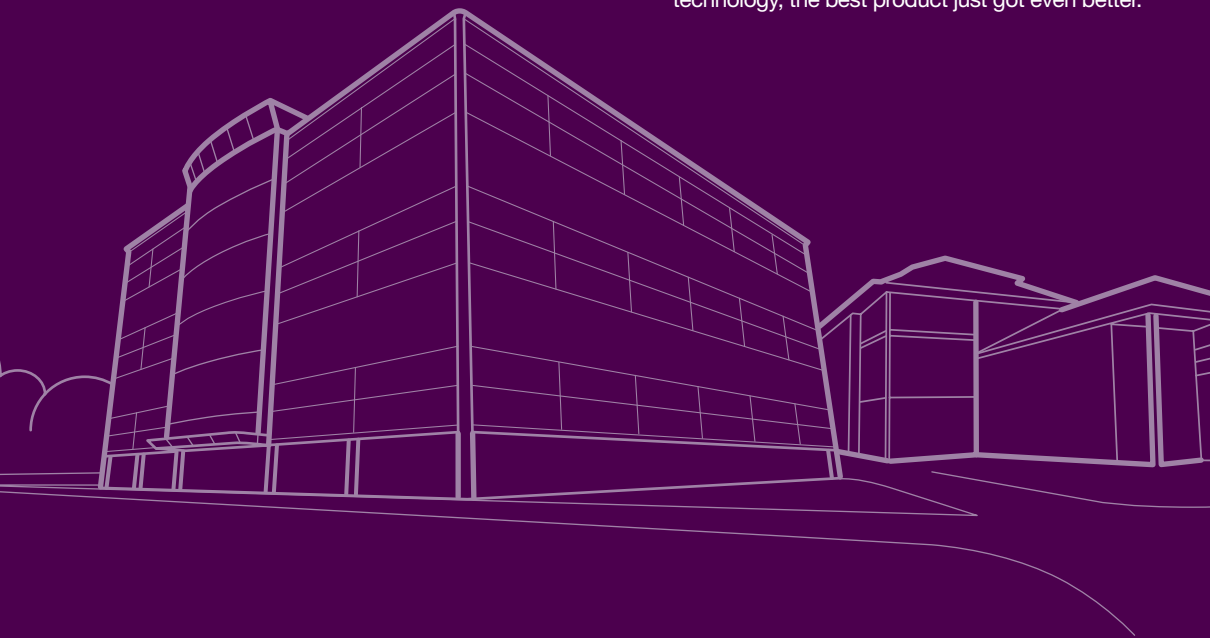
Corus Colors

Colorcoat HPS200® Ultra

Colours for life

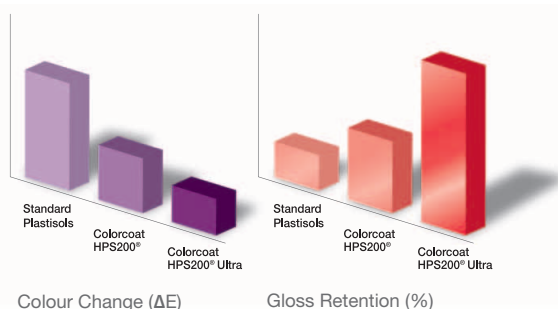
The product of sustained evolution

Now guaranteed for up to 40 years, Colorcoat HPS200® Ultra pre-finished steel combines outstanding performance with unrivalled reliability and impressive sustainability credentials. Colorcoat HPS200® Ultra delivers the ultimate in performance, further reinforcing the Corus position as the market leader and innovator. The result of sustained evolution and revolutionary coating technology, the best product just got even better.



Unrivalled product performance

Colour for life

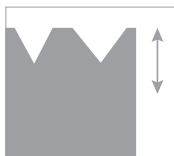


Colorcoat HPS200® Ultra now delivers twice the colour and gloss retention of standard plastisol products and easily exceeds the requirements of the most demanding Euronorm 10169/2 classification Ruv4. This means that your buildings will retain their true colour and gloss levels for significantly longer when clad with Colorcoat HPS200® Ultra.

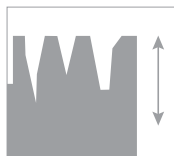
Unique Scintilla® emboss

The Scintilla® emboss of Colorcoat HPS200® Ultra has been developed with a depth of only 40 microns, which makes it less likely to trap dirt than deeper leathergrain embosses. This ensures a thicker protective coating overall.

The Scintilla® emboss provides a unique guarantee of authenticity and modern appearance. Unlike old fashioned leathergrain plastisols the emboss is subtle and does not detract from the overall appearance of the building.



Colorcoat HPS200® Ultra
40 microns Scintilla® emboss



Leathergrain plastisol
60-100 micron emboss

Superior corrosion resistance



Colorcoat HPS200® with Galvalloy®
roof after 7 years



Standard plastisol on hot
dip galvanised steel substrate
roof after 7 years

Most pre-finished steel products use a zinc metallic coating that provides corrosion resistance but leave cut edges vulnerable to peeling or premature paint delamination. Colorcoat HPS200® Ultra uses the Corus unique and proven Galvalloy® metallic substrate which features a special mix of 95% zinc and 5% aluminium providing unrivalled corrosion protection, even at the cut edges.

Typical properties

Colorcoat® product		HPS200® Ultra
Nominal organic coating thickness	(μm)*	200
Specular gloss (60°)	%	20-40
Matt colours	%	10
Scratch resistance	(g)	>3500
Abrasion resistance (Taber)	(mg)	10-12
Flexibility:		
Min. bend radius	(T)	0T@16°C 1T@0°C
Reverse impact	(J)	18
Adhesion (cross hatch)	(%)	100
Corrosion Resistance:		
Salt spray	(h)	1000
Humidity	(h)	1000
UV Resistance		Excellent

* μm = micron

General Notes

The figures contained in this table are typical properties and do not constitute a specification. Tested in accordance with EN13523. For details on test methods visit www.colorcoat-online.com

Sustainability provided as standard

Reduced environmental impact

When developing Colorcoat HPS200® Ultra, Corus examined ways to reduce any environmental impact. Right from raw material production through manufacturing and installation and on to the product's re-use.

Manufacture

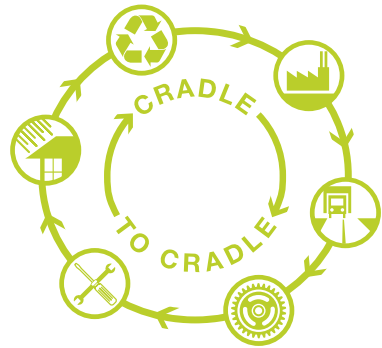
- All traces of heavy metals and undesirable organotins and phthalate plasticisers have been removed from the topcoat and replaced with higher performing alternatives
- Manufactured using 25% recycled steel
- Solvents from the coatings are incinerated and the heat is captured for use in the manufacturing process
- Product is fully traceable throughout its life

Operational use

- Confidex® guaranteed for up to 40 years
- Maintenance and inspection free
- Once the guarantee has expired, the product life can be extended almost indefinitely

Confidex Sustain®

For many years, Corus has been developing Colorcoat® products to be the most sustainable on the market. Now working closely with our supply chain partners, we are able to offer you the world's first cradle to cradle CarbonNeutral building envelope.



For every 1kg of unavoidable CO₂ emitted by the pre-finished steel, cladding, fixings and insulation, Corus will off-set 1kg in climate friendly projects.

Confidex Sustain® is available when Colorcoat HPS200® Ultra is specified as part of a Colorcoat® assessed cladding system. It covers the whole cladding system, from the pre-finished steel used for the inner and outer sheets to the fixings, insulation and spacer system.



Peace of mind guaranteed

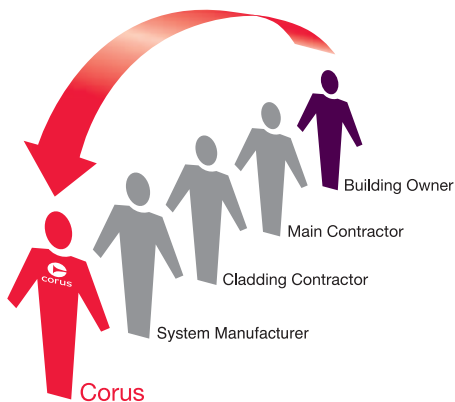
Confidex® Guarantee

Confidex® offers the longest and most comprehensive guarantee for pre-finished steel products available in Europe. Colorcoat HPS200® Ultra is now Confidex® guaranteed for up to 40 years. Dramatic and unrivalled improvements in colour stability and gloss retention are translated into a more durable product with greater longevity.

Colorcoat HPS200® Ultra is able to resist damage and the worst of the elements through the combination of its Galvalloy® metallic substrate and unique thick-film coating formulation.

Confidex® covers cut edges for the entirety of the guarantee without the need for mandatory annual inspections to maintain its validity.

The benefits of a Confidex® registration



Registering the Confidex® Guarantee provides the building owner with a direct link to Corus

In the unlikely event of a coating problem this enables the building owner to contact Corus directly, independently of the contractual supply chain; saving time and money and avoid any unnecessary legal involvement or associated costs.

No inspections No maintenance

With 40 years expertise in pre-finished steel coating technology, Corus is able to offer Colorcoat HPS200® Ultra as maintenance and inspection free for the duration of the Confidex® Guarantee up to 40 years. Unlike other guarantees, annual inspections are not required to maintain the validity of the Confidex® Guarantee.

British Board of Agrément Certificate

Colorcoat HPS200® Ultra has been designed to augment the durability of its predecessor Colorcoat HPS200®. The long-term performance of Colorcoat HPS200® has been recognised within BBA certificate 91/2717 as *“Colorcoat HPS200® coating and metal treatment will protect the steel substrate against corrosion for a period in excess of 40 years in normal industrial, urban, suburban and rural environments.”*



Support you can depend upon

Colorcoat® services

The Colorcoat® brand is recognised as the exclusive Corus mark of quality and metal envelope expertise. Colorcoat® products are supported by a comprehensive range of services, technical advice and guidance.

Colorcoat® Business Development Team

The team are readily available to advise you on the design, specification and construction of your metal building envelopes.

Colorcoat Connection® helpline

This dedicated helpline offers immediate and easily accessible advice and guidance on a wide range of construction issues.

Colorcoat® Building Manual

The award-winning definitive guide to designing, specifying and constructing the metal envelope.

Colorcoat® Technical Papers

Corus has produced a number of RIBA-approved Technical Papers that can help you address key construction issues.

Colorcoat® Specification Wizard

NBS specifications can be quickly produced using the Colorcoat® specification wizard. Colour, Cladding Systems and Confidex Sustain® can all be specified in just a few clicks. For more information visit:
www.colorcoat-online.com/specwizard

For complete peace of mind please ensure you specify the product name in full e.g. Corus Colorcoat HPS200® Ultra with Galvalloy® hot dip metallic coated steel grade S220GD.

Colorcoat® supply chain partners

Colorcoat® products are supplied through market-leading cladding system manufacturers, who provide the very highest quality and service.

Bespoke colour service



Colorcoat HPS200® Ultra provides the widest colour choice available on the market with short production lead times. If your project would benefit from a bespoke colour our Repertoire® colour-matching service provides you the ultimate in choice covered with the Confidex® Guarantee. Corus can match almost any shade, working from either physical swatches, commonly used references such as British Standard, RAL or NCS, or many more unusual standards.

On-line visualisation tool

To help with colour and profile selection an on-line visualisation tool is available on our website, which allows the effect of different options to be viewed in a 3-D environment.

Once you have chosen your colour scheme, samples can be ordered online or via the Colorcoat Connection® helpline.

Your final choice is then given a unique reference code to help simplify the specification process.

Colour reassurance

Colour information

Colour availability

All the colours on the colourcard are now available on short production lead times. To check the quickest colour availability for your project, Corus has introduced a new service through the Colorcoat® Connection helpline. A unique registration number will be allocated to you, which can be quoted through the supply chain as a guide to availability.

Colour consistency

If tonal consistency is critical, all cladding for a single elevation should come from the same production batch. The metallic effect in Sirius and Orion exhibits a degree of directionality.

Matching components

If accessories made from other materials are to be colour-matched to the roof or wall cladding, the best reference is the actual profiles or panels delivered to site, or material from the same batch.

Metal hand samples



Metal hand samples are available for all colours. For a truer representation of colour and effect, please obtain metal hand samples from the Colorcoat Connection® helpline.

For further details visit:

www.colorcoat-online.com or ring the **Colorcoat Connection® helpline** on **+44 (0)1244 892434**

BS & RAL reference table

	Colour	BS	RAL
Signature Colours	White	00E55	9003
	Goosewing Grey	10A05	080 70 05
	Pure Grey		000 55 00
	Anthracite		7016
	Black	00E53	9005
	Ice Blue		230 80 10
	Duck Egg		230 70 10
	Denim		5014
	Cobalt		260 40 20
	Midnight		5008
	Cloud		210 80 10
	Turquoise		6034
	Wedgewood Blue	18C37	220 50 15
	Spruce		200 50 10
	Merlin Grey	18B25	180 40 05
	Hamlet		9002
	Meadowland	12B17	100 80 20
	Moorland Green	12B21	100 60 20
	Camouflage		110 50 10
	Olive Green	12B27	100 30 20
	Honesty	10C31	1015
	Mushroom	10B19	080 70 10
	Straw		080 70 30
	Svelte Grey	10B23	080 50 20
Metals	Mole Brown		075 40 10
	Albatross	18B17	240 80 05
	Heather		040 70 05
Matts	Fox		040 50 20
	Seal		040 50 05
	Alaska Grey		7000
Classics	Sirius		9006
	Orion		9007
	Terracotta	04C39	040 40 40
	Anthracite		7016
	Petra	04D44	3013
	Burano		3004
	Terracotta	04C39	040 40 40
	Van Dyke Brown	08B29	8014
	Ocean Blue	18C39	220 30 25
	Sargasso		5003
	Heritage Green		6002
	Juniper Green	12B29	160 20 10

RAL references

4 digit numbers are RAL Classic references.
7 digit numbers are RAL Design references.
British Standard or RAL reference numbers shown in the table, represent the nearest colours and are not exact matches to Colorcoat HPS200® Ultra.

Colorcoat HPS200® Ultra

New and improved

Building on the success of Colorcoat HPS200®, the new Colorcoat HPS200® Ultra is based upon a revolutionary coating system, providing dramatically improved colour stability and gloss retention. This step change in performance allows us to extend the market-leading Confidex® Guarantee for up to 40 years.

Following extensive consultation with architects and colour specialists, Corus has developed a new colour palette for this product, introducing environmental colours and tonal shades. These colours work well individually or together and can help your buildings blend successfully with their environment. To make the colour selection process easier the new colour palette has been grouped as follows: Signature, Metallics, Matts and Classic colours.

Product benefits

- Colour range inspired by architects
- Twice the colour and gloss retention of standard plastisols
- Unrivalled cut edge performance
- Now Confidex® guaranteed for up to 40 years
- Maintenance and inspection free
- Available on short production lead times
- Environmentally harmful elements removed
- 100% recyclable
- Made in the UK for a lower carbon footprint
- Available with Confidex Sustain® to offer the world's first CarbonNeutral building envelope

Your Confidex® Guarantee

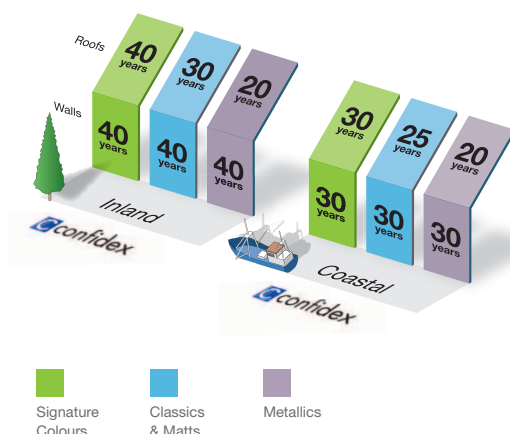
Walls

All Colorcoat HPS200® Ultra colours are Confidex® guaranteed for 40 years for inland walls and 30 years for coastal walls.

Roofs

Confidex® Guarantee periods for roof applications have also been significantly extended to 40 years in the case of Signature colours.

Classic and Matt colours are guaranteed for 30 years on inland roofs and 25 years for coastal roofs. Metallic colours are guaranteed for 20 years regardless of location.

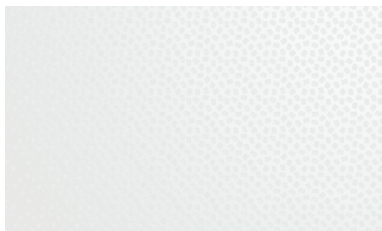


Notes

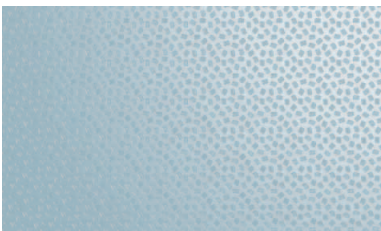
1. Figures under the coastal heading are buildings within 1km of any coast
2. Full terms and conditions of the Confidex® Guarantee are on the reverse of the application form, which is available from Corus

NB. The Confidex® Guarantee periods on the diagram above are applicable to UK and Ireland only.

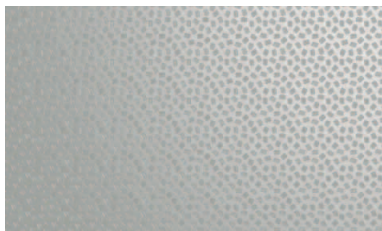
■ **Signature colours**



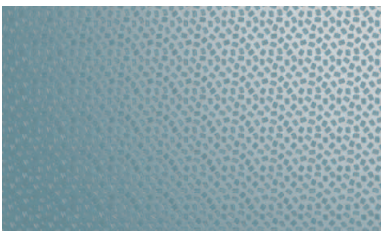
White



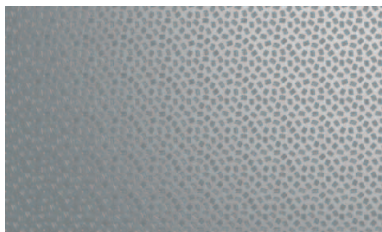
Ice Blue



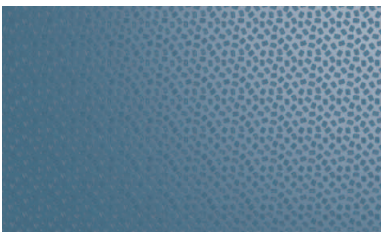
Goosewing Grey



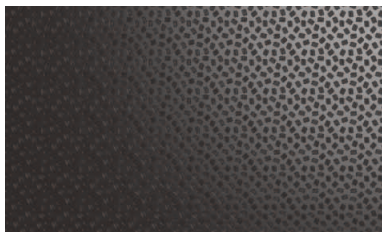
Duck Egg



Pure Grey



Denim



Anthracite



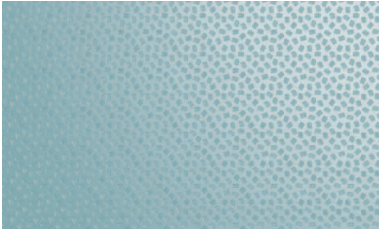
Cobalt



Black



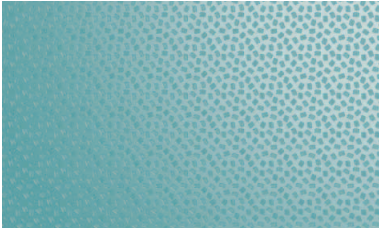
Midnight



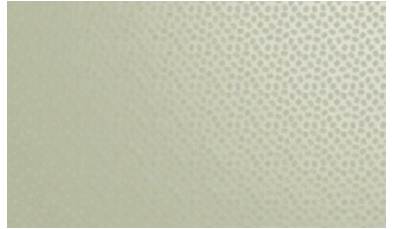
Cloud



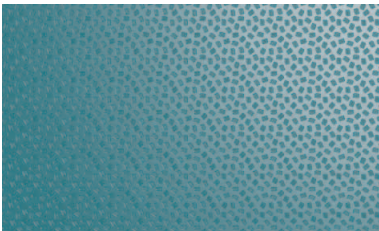
Hamlet



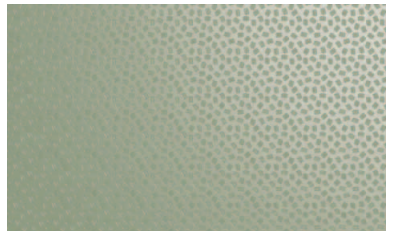
Turquoise



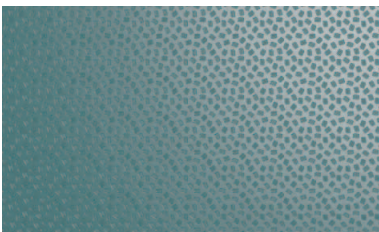
Meadowland



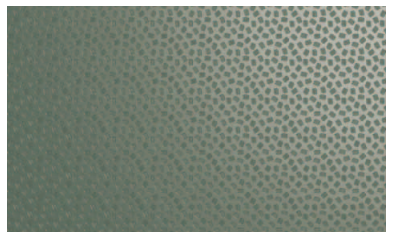
Wedgewood Blue



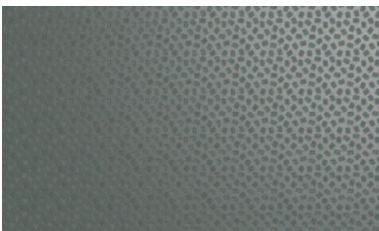
Moorland Green



Spruce



Camouflage



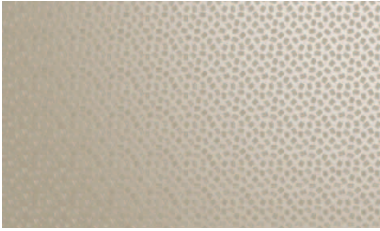
Merlin Grey



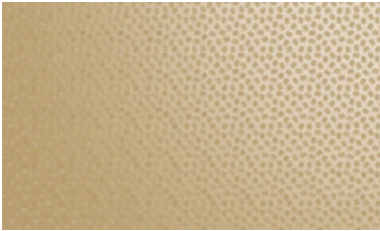
Olive Green



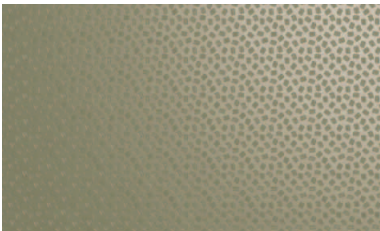
Honesty



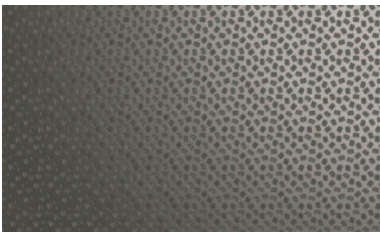
Mushroom



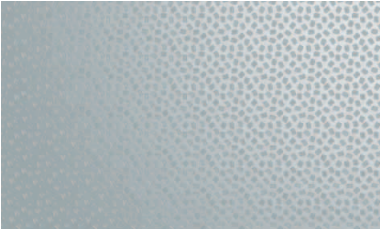
Straw



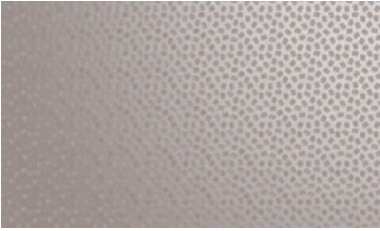
Svelte Grey



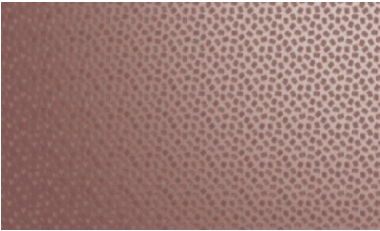
Mole Brown



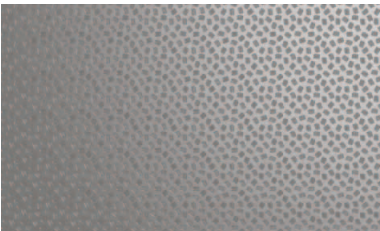
Albatross



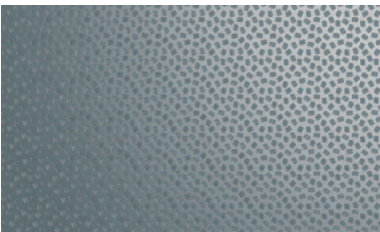
Heather



Fox

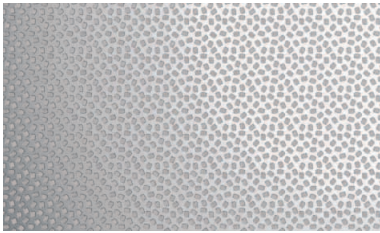


Seal

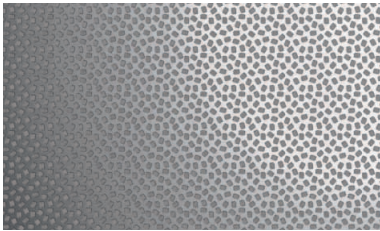


Alaska Grey

■ **Metallics**



Sirius

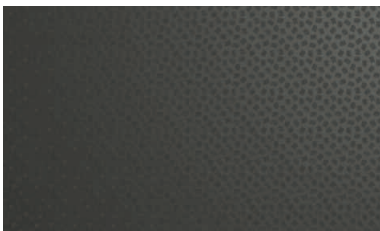


Orion

■ **Matts**

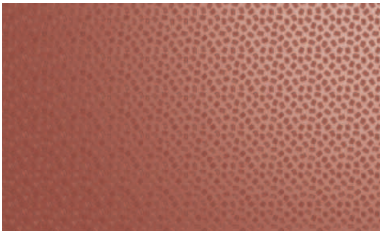


Terracotta

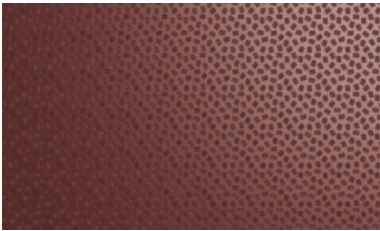


Anthracite

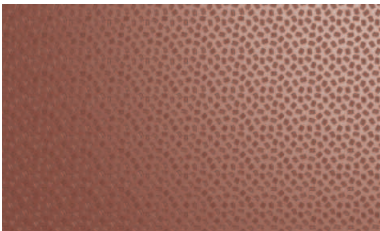
■ **Classics**



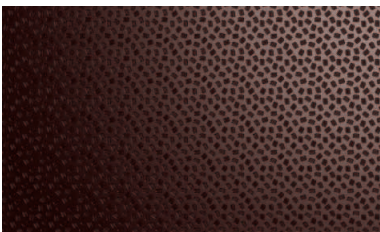
Petra



Burano



Terracotta



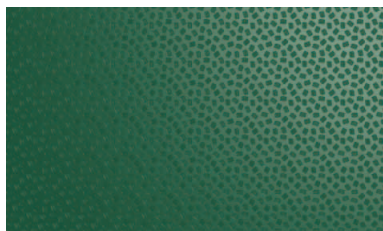
Van Dyke Brown



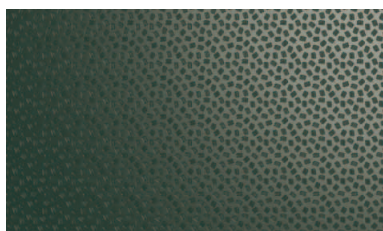
Ocean Blue



Sargasso



Heritage Green



Juniper Green

For further details visit:

www.colorcoat-online.com or ring
the **Colorcoat Connection®** helpline on
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