

ULTRACORE IQ

Intelligent Non-combustible Core Panel

Description

ULTRACORE IQ intelligent core panel is Deemed-to-Satisfy non-combustible when tested to AS 1530.1 and AS 1530.3 as per the requirements of the NCC 2022, Clause C2D10(6)(g) and installed using the mechanical cassette-fix system as per NCC 2022, Clause C2D15(1). It has also been tested by Exova Warringtonfire to BS 8414 and AS 5113 full-scale testing to prove it does not contribute to the spread of fire. Visually, ULTRACORE IQ intelligent non-combustible core panel looks the same as traditional aluminium composite panel but with zero combustible core content (0%) meaning it achieves the lowest risk rating, category D, from the Insurance Council of Australia.

Product Benefits



PROVEN V-GROOVE DURABILITY

AS 1530.1 NON-COMBUSTIBLE

Unlike 3mm SOLID aluminium, ULTRACORE IQ has 40 years of proven durability when using the common v-groove folding system. This is because the front skin is not impacted when v-grooving, as has always been intended.



means 80x less heat transfer into the building for greater fire safety and section J compliance. **MECHANICAL CASSETTE-FIXING** ULTRACORE \mathbf{IQ} is one of the few aluminium Compared to a SOLID aluminium panel,



panels globally that is Deemed-to-Satisfy non-combustible when tested to AS 1530.1 and AS 1530.3 in accordance with the NCC 2022 Clause C2D10(6)(g) requirements.

ULTRACORE IQ is Deemed-to-Satisfy non-

However it has been tested to AS 5113 full-

does not contribute to the spread of fire.

combustible so does not require further testing.

scale testing by Exova Warringtonfire, proving it



OIL-CANNING RESISTANCE

compliant with C2D15(1)...

LESS THERMAL CONDUCTIVITY

ULTRACORE IQ aluminium core panel has

thermal conductivity of 2.54 W/mK compared to 205 W/mk for SOLID aluminium panel. This

Oil-canning is the uneven distribution of tension in SOLID aluminium panels which results in a rippling effect on the facade. The superior mechanical properties of ULTRACORE IQ guarantees against oil-canning.

ULTRACORE IQ is faster and easier to fabricate

using the well-proven z-angle cassette-fix

system making it more cost effective and



ZERO POLYETHYLENE (0%)

AS 5113 FIRE TESTING

Unlike most other aluminium panel products including FR, Plus, A2 and NC type panels, the ULTRACORE **IQ** aluminium core contains ZERO percent flammable polyethylene (0%) and each lamina is 100% non-combustible.



LESS CARBON, LESS WEIGHT

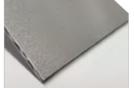
ULTRACORE **IQ** intelligent core panel is 100% recyclable and uses 50% less aluminium per m² than 3mm SOLID aluminium for much less carbon footprint. It is also 50% lighter for significant structural and labour savings.

Product Range

المرك المساكل المساكل











ULTRACORE IQ Metallic Colours

UITRACORE IO ULTRACORE IQ Solid / Matt Colours Sparkling Colours

ULTRACORE IO Chromatic Colours

UITRACORE IO

Imitation Finishes

Availability

DESCRIPTION	SHEET SIZES	LEAD TIME	MOQ
ULTRACORE IQ Metallic Stock Colours UC9701, UC9205, UC9134, UC9137, UC9308, UC4150, UC5292, UC9809	2500, 3200, 4000 x 1500mm	Stock	1 Sheet
ULTRACORE IQ Solid Stock Colours UC1005, UC1025, UC9902, UC1255, UC1270, UC9130, UC1590, UC1460, UC1140, UC1190, UC1677	2500, 3200, 4000 x 1500mm	Stock	1 Sheet
ULTRACORE IQ Non-stock, BCG & Custom Colours	2500, 3200, 4000 x 1250mm 2500, 3200, 4000 x 1500mm	10-12 Weeks	300m²
ULTRACORE IQ Matt, Sparkling, Chromatic & Imitation Colours	2500, 3200, 4000 x 1250mm 2500, 3200, 4000 x 1500mm	10-12 Weeks	300m²

System Components











AS 1530.1 Sarking

Steel Facade System

Specialised Cladding & Decking Fixings

Foil & Foam Tapes

Prolastik & Sikaflex

INSTALL & TECHNICAL

For installation and technical information, scan the QR code and view 'Downloads' tab.



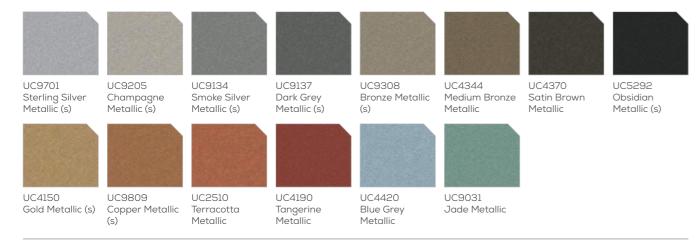


ULTRACORE IQ

Colour Chart

(s) after colour names indicates stock colours. All other colours require lead times and minimum order quantities.

Metallic Colours



Solid Colours





BCG Colours

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UNLIMITED CUSTOM COLOURS

ULTRACORE **IQ** has unlimited colour options, we are able to match any colour from any other colour range. With small MOQ's and fast lead times you can realise your vision.

LANDROVER (55)

ULTRACORE IQ

Colour Chart

Matt Colours



Matt Silver









UCM001 Matt Ivory



UCM006 UCM004 Matt Bronze Matt Graphite



UCM003 Matt Copper

Matt Gold

Sparkling Colours







UC7250



Sparkling Black

Chromatic Colours



UC7090 Chromatic Golden Snow





UC7160 Chromatic Antique Gold



Honey Gold

Chromatic



Rustic Bronze

Chromatic Tiger Chromatic



UC7290 Chromatic Galaxy Silver

Sahara Copper



UC7480 Chromatic Indigo Violet



UC7450 Chromatic Oriental Silk





UC7510 Chromatic Tropical Ocean Martian Green

Timber Imitations



المستر ساحات المساحل بينه

UC8310 Rustic Pine



UC8320 Unique Beli





UC8355 Vintage Walnut Elegant Teak



UC8385 Ascot Teak Noble Bloodwood



Polished Rengas

Stone Imitations



UC6060 Marble Pearl White



UC6385 UC6315 Marble Cashmir Travertine Atlas Travertine



UC6305 Calico Cream



Beige

UC6310 Granite Aurisina Granite



Magenite Black

Metal Imitations



UC2200 Brushed Silver



UC5220 Zinc Dark



UC5260 Zinc Charcoal



UC5150 Brushed Copper



UNLIMITED CUSTOM COLOURS

ULTRACORE IQ has unlimited colour options, we are able to match any colour from any other colour range. With small MOQ's and fast lead times you can realise your vision.



ULTRABOND FR

Fire Resistant Aluminium Composite Panel

Description

ULTRABOND FR is a 4mm thick fire resistant aluminium composite panel comprising of a >70% mineral filled core, sandwiched between two prefinished aluminium or other natural metal cover sheets such as zinc, copper or stainless steel. Utilising the reknowned PVDF paint system, ULTRABOND FR aluminium composite panel has been thoroughly tested in Australia by NATA accredited CSIRO and Exova Warringtonfire and is manufactured to the highest quality standards. It is also BCA/NCC compliant for all type C* construction projects and has full-scale fire testing in accordance with AS 5113.

Product Benefits



NCC 2022 COMPLIANCE

ULTRABOND FR aluminium composite panel is compliant with NCC 2022 for use as external cladding on all type C* construction projects ensuring you are specifying a compliant product tested to Australian standards.



PVDF PAINT SYSTEM

ULTRABOND FR fire resistant aluminium composite panel only uses the highly recognised PVDF Kynar 500 or FEVE paint systems known for their high durability and optimum resistance to weather and industrial pollution.



AS 5113 FIRE TESTING

Although not required for type C construction, ULTRABOND FR fire resistant aluminium composite panel has been tested to AS 5113 by NATA approved Exova Warringtonfire to prove it does contribute to the spread of fire.



LOW MAINTENANCE

The ULTRABOND FR FR fire resistant aluminium composite panel finish has undergone 40+ years of exposure testing which is continuing to confirm the superior properties of fluoropolymer coatings.



UNLIMITED CUSTOM COLOURS

ULTRABOND FR fire resistant aluminium composite panel has unlimited colour options, we are able to match any colour from any other colour range. With small MOQ's and fast lead times you can realise your vision.



COST EFFECTIVE

ULTRABOND FR fire resistant aluminium composite panel has enjoyed consistent growth not only due to the desire for a clean and modern look, but also a product offering rapid cost effective installation.



LOCAL STOCK AVAILABLE

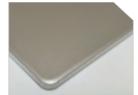
ULTRABOND FR fire resistant aluminium composite panel is stocked in a range of standard solid colours and metallic colours for fast delivery at all times.



FULL WARRANTY

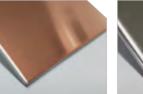
ULTRABOND FR fire resistant aluminium composite panel has a long track record of consistency, reliability and quality allowing us to offer up to 15 year's warranty when installed by a licensed installer.

Product Range











ULTRABOND FR Solid Colours

ULTRABOND FR
Natural Zinc

Natural

ULTRABOND FR Natural Copper

ULTRABOND FR Mirror Stainless

Availability

ULTRABOND FR

Metallic Colours

DESCRIPTION	SHEET SIZES	LEAD TIME	MOQ
ULTRABOND FR Metallic Stock Colours UB9701, UB9205, UB9137	2500, 3200, 4000 x 1570mm	Stock	1 Sheet
ULTRABOND FR Solid Stock Colours UB1005, UB9130, UB1677	2500, 3200, 4000 x 1570mm	Stock	1 Sheet
ULTRABOND FR Non-stock, BCG & Custom Colours	2500, 3200, 4000 x 1250mm 2500, 3200, 4000 x 1570mm	10-12 Weeks	300m²
ULTRABOND FR Natural Zinc, Copper & Stainless Steel	2500, 3200, 4000 x 1220mm	10-12 Weeks	300m²

System Components





Steel Facade System



& Decking Fixings





Foil & Foam Tapes

Prolastik & Sikaflex

INSTALL & TECHNICAL

For installation and technical information, scan the QR code and view 'Downloads' tab.











^{*}For types A & B construction, use ULTRACORE IQ intelligent non-combustible core panel – see page 2.

ULTRABOND FR

Colour Chart

(s) after colour names indicates stock colours. All other colours require lead times and minimum order quantities.

Metallic Colours



UB9701 Sterling Silver

Metallic (s)



UB9205 Champagne Metallic (s)



UB9134 Smoke Silver Metallic (s)



UB9137 Dark Grev Metallic (s)



Bronze Metallic Gold Metallic



UB9809 Copper Metallic

Solid Colours



Arctic White (s) Volcanic Grey



UB9130

Carbon Black (s) Royal Blue



UB1460





Atomic Yellow



UB4150



UB1677 Pilbara Orange Centurion Red (s)

BCG Colours



UB9016 Traffic White





UB9010 Pure White



Oyster White

UB1015 Light Ivory



UB1014

Ivory

UB7011

Iron Grey



Silk Grey

UB7044 UB7030











UB9002 Grey White

Pastel Green

UB5024

Pastel Blue



Signal Grey













UB7022

Stone Grey











UB6019



Pale Green

UB5023

Distant Blue

UB6018



Yellow Green

Sky Blue





Pure Green

UB5021

Water Blue

Squirrel Grey



Mint Green

UB5019

Capri Blue







Opal Green

UB5002

Ultramarine

Anthracite Grey Umbra Grey



Moss Green





Olive Green



Grey Blue

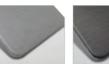


UB5011

BCG Colours Cont'd



Natural Metal Finishes





Grey Zinc





Natural Copper Stainless Steel Mirror



UNLIMITED CUSTOM COLOURS

ULTRABOND FR has unlimited colour options, we are able to match any colour from any other colour range. With small MOQ's and fast lead times you can realise your vision.



ULTRASURE

Prefinished Solid Aluminium Panel

Description

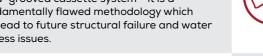
ULTRASURE completes our range of BCA compliant, Deemed-to-Satisfy non-combustible aluminium cladding solutions. Offering very high impact resistance and the ability to be curved, rolled or perforated, ULTRASURE panels do not require fabrication prior to coating, greatly reducing lead-times and costs. Due to its high thermal movement and the risk of score fracturing, ULTRASURE, like all 3mm solid aluminium panels, is NOT suitable for use in the common v-groove cassette fixing method, however it can be facefixed or break-pressed into the traditional rainscreen hook-and-rail cassette system.

Product Benefits



FACE-FIX OR BREAK-PRESS ONLY

BLUECHIP does NOT endorse installing any brand of SOLID aluminium panels with the v-grooved cassette system - it is a fundamentally flawed methodology which will lead to future structural failure and water ingress issues.





CURVE, ROLL OR PERFORATE

The ULTRASURE 3mm aluminium panel offers excellent design versatility as it can be made into panels of almost any shape and size as well as being suitable for curved panels, rolling and perforating.



FINISHED BEFORE FABRICATION

Unlike traditional powder coated panels, ULTRASURE is prefinished with factory applied PVDF coating and a protective peel-off film before fabrication into cladding panels providing many practical advantages.



AS 1530.1 NON-COMBUSTIBLE

ULTRASURE is one of the few aluminium cladding panel solutions that is Deemed-to-Satisfy non-combustible when tested to AS 1530.1 and AS 1530.3 as per the requirements of NCC 2022 Clause C2D10(6)(e).



NCC 2022 COMPLIANCE

ULTRASURE solid aluminium panel is Deemedto-Satisfy non-combustible as per NCC 2022 Clause C2D10(6)(e) making it compliant for use as external cladding on any project of types A, B & C construction.



UNLIMITED CUSTOM COLOURS

ULTRASURE 3mm solid aluminium panel utilises the same PVDF coating as ULTRABOND FR and ULTRACORE IQ so it is available in the same extensive colour range and custom colours. MOQ's apply.



PVDF PAINT SYSTEM

ULTRASURE 3mm aluminium panel only uses the highly recognises PVDF KYNAR 500 or FEVE paints known for their high durability, providing the optimum resistance to weather and industrial pollution.



MANUFACTURER'S WARRANTY

ULTRASURE 3mm aluminium panel coating system has a long track record of consistency, reliability and quality allowing us to offer up to 15 year's warranty when installed by a licensed

Product Range





Solid Colours



Metallic Colours

ULTRASURE Metal Imitations

Availability

DESCRIPTION	SHEET SIZES	LEAD TIME	MOQ
ULTRASURE Metallic Colours	2500, 3200, 4000 x 1500mm	10-12 Weeks	1200m²
ULTRASURE Solid Colours	2500, 3200, 4000 x 1500mm	10-12 Weeks	1200m²
ULTRASURE Non-stock, BCG & Custom Colours	2500, 3200, 4000 x 1250mm 2500, 3200, 4000 x 1500mm	10-12 Weeks	1200m²
ULTRASURE Metal Imitation Finishes	2500, 3200, 4000 x 1250mm 2500, 3200, 4000 x 1500mm	10-12 Weeks	1200m²

System Components











AS 1530.1 Sarking

Steel Facade System

Foil & Foam Tapes

Prolastik & Sikaflex

INSTALL & TECHNICAL

For installation and technical information, scan the QR code and view 'Downloads' tab.









ULTRASURE

Colour Chart

Metallic Colours



Sterling Silver

Metallic





US9134 Smoke Silver Dark Grey



Bronze Metallic Gold Metallic





US9809 Copper Metallic

Solid Colours



Volcanic Grey



Carbon Black

US9130



US1460

Royal Blue



Atomic Yellow





Pilbara Orange Centurion Red

US1677

BCG Colours



Arctic White

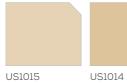
US9016 Traffic White



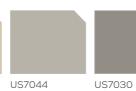
US9010 Pure White

US1013

Oyster White





















US7004

Signal Grey



Light Ivory

US7000

US6037

US5021

Water Blue

Pure Green

Squirrel Grey







US7016

Opal Green

US5002

Ultramarine



US7022







US6019

US5024

Pastel Blue

Pastel Green



Pale Green

US5023

Distant Blue









Yellow Green

US5015

Sky Blue







Mint Green

US5019

Capri Blue

US7011

Iron Grey





Anthracite Grey Umbra Grey



Moss Green

Grey Blue





US9005

Jet Black





US5008



BCG Colours Cont'd



Metal Imitations





US2200 Brushed Silver

US5150 Brushed Copper



UNLIMITED CUSTOM COLOURS

ULTRASURE has unlimited colour options, we are able to match any colour from any other colour range. With small MOQ's and fast lead times you can realise your vision.



ULTRANAMEL

Vitreous Enamel Panel

Description

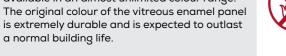
ULTRANAMEL vitreous enamel panel consists of a highly durable vitreous enamel coating applied to a decarbonised steel panel with an aluminium honeycomb or calcium silicate backing sheet. Vitreous enamelled architectural panels are routinely specified for commercial, institutional and infrastructure projects around the world; perfect for high impact, high traffic areas such as train stations, shopping malls and tunnels. ULTRANAMEL vitreous enamel panel has excellent anti-graffiti properties and is non-combustible providing unrivalled performance in public areas.

Product Benefits



UNLIMITED CUSTOM COLOURS

ULTRANAMEL vitreous enamel panel is available in an almost unlimited colour range. The original colour of the vitreous enamel panel is extremely durable and is expected to outlast





GRAFFITI PROOF

ULTRANAMEL vitreous enamel panel is extremely durable. The vitreous enamel coating has excellent scratch, graffiti and impact resistance making it ideal for areas of heavy traffic or extreme wear.



UV RESISTANT

ULTRANAMEL vitreous enamel panel has a far superior colour consistency over time when compared to typical cladding panels. The colour and gloss level of these panels are unaffected by sunlight.



FAST INSTALLATION

ULTRANAMEL vitreous enamel panel is manufactured to order from provided shop drawings. The panels are formed into premade cassettes with fixing clips ready for fast and easy onsite installation.



NON-COMBUSTIBLE

ULTRANAMEL is a completely non-combustible steel cladding system in accordance with NCC 2022, Clause C2D10(6)(g) withstanding temperatures of over 400°C and able to provide fire ratings of over 2 hours.



LOW MAINTENANCE

ULTRANAMEL is very low maintenance. The surface is completely impervious to contaminants, extremely smooth and extremely low static, preventing dust adhesion and resulting in only minimal cleaning required.



VERSATILE DESIGN

ULTRANAMEL vitreous enamel panel can be custom designed into a wide range of shapes and dimensions. This compiled with a vast colour range make ULTRANAMEL a versatile design choice.



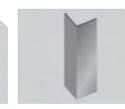
HYGIENIC SURFACE

ULTRANAMEL vitreous enamel panel has a completely non-porous surface that does not absorb any bacteria. The non-stick surface allows intense cleaning with hospital grade cleaning agents.

Product Range



ULTRANAMEL



ULTRANAMEL L-shaped Panels



UITRANAMFI U-shaped Panels



UITRANAMFI Curved Panels

Availability

UITRANAMFI

Vitreous Ename

DESCRIPTION	PANEL SIZES	LEAD TIME	MOQ
ULTRANAMEL Flat Panels	Custom Sizes up to 2400 x 1150mm	10-12 Weeks	1 Panel
ULTRANAMEL L-shaped Panels	Custom Sizes up to 1600 x 1150m (1150mm is Width + Return)	10-12 Weeks	1 Panel
ULTRANAMEL U-shaped Panels	Custom Sizes up to 1600 x 1150m (1150mm is Width + Both Returns)	10-12 Weeks	1 Panel
ULTRANAMEL Curved Panels	Custom Sizes up to 1600 x 1150m (1150mm is Curved to Min. 300mm Radius)	10-12 Weeks	1 Panel
ULTRANAMEL L-fixing Clip	Stainless Steel with Pre-drilled Rivet Holes	10-12 Weeks	1 Clip

System Components



AS 1530.1 Sarking



Breathable Barriers



Steel Facade System





INSTALL & TECHNICAL

For installation and technical information, scan the QR code and view 'Downloads' tab.





ULTRANAMEL

Colour Chart

BCG Colours



BCG Colours Cont'd





UNLIMITED CUSTOM COLOURS

ULTRANAMEL has unlimited colour options, we are able to match any colour from any other colour range. With small MOQ's and fast lead times you can realise your vision.



ULTRALIGN

Aluminium Cladding & Battens

Description

ULTRALIGN intelligent aluminium facade system is available in a range of solid aluminium profiles providing a reliable and attractive modern facade alternative to other commercial cladding products. ULTRALIGN products have been specifically designed by experienced commercial facade professionals to meet the demands of today's facade industry. Australian made using the finest raw materials and finish options, ULTRALIGN offers an unprecedented level of quality, reliability, and longevity with an extensive range of colours, textures, and finish options, available in both standard and custom sizes.

Product Benefits



AS 1530.1 NON-COMBUSTIBLE

ULTRALIGN products are made of 100% solid aluminium which is totally non-combustible to AS 1530.1. Architects, engineers, and tenants can be assured ULTRALIGN will not burn or contribute to fire spread.



ENVIRONMENTALLY SUSTAINABLE

ULTRALIGN cladding is a 100% recyclable product. Energy, emissions, wastage and materials are saved in every aspects of the product from manufacturing, to, delivery, installation and recycling.



INTELLIGENT INSTALLATION

The ULTRALIGN profile has been intelligently designed to provide excellent usability such as multi-angle mating and it has double swarf-free contact points for superior consistency and weather-proofing.



MINIMAL FABRICATION

ULTRALIGN panels can be ordered to custom lengths which eliminates additional fabrication. Panels are simply interlocked and tightened, then fixed. This also optimises usability and decreases waste.



PREFINISHED SYSTEM

The entire ULTRALIGN range is pre-finished. This means there is no requirement for painting or onsite finishing. Our finish options are attractive and durable – guaranteed to stand the test of time.



INCREDIBLE AESTHETICS

ULTRALIGN profiles all have their own unique look with classic shadow lines, sharp step features or bold standing seams. Add in any anodised, powdercoat or wood grain finish and the options are limitless.



100% AUSTRALIAN MADE

ULTRALIGN is a 100% Australian owned, designed and made product, which contributes to it's outstanding quality and fast lead times. Using ULTRALIGN aids all aspects of the Australian economy



INDUSTRY LEADING WARRANTY

ULTRALIGN's 20 year product warranty is one of the longest of any facade product on the market today. Clients can be confident that their facade will remain attractive and durable for years to come.

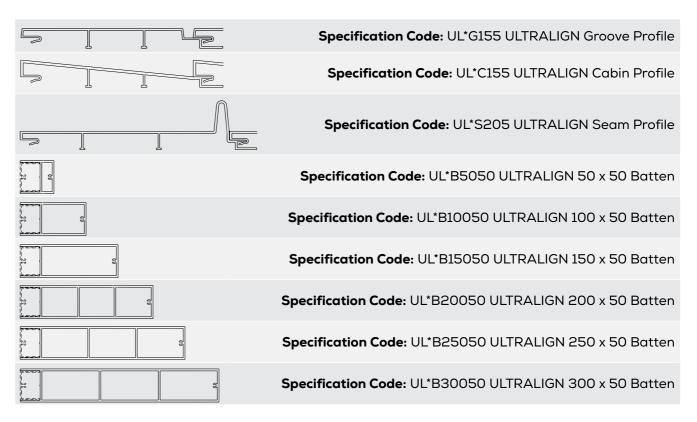
INSTALL & TECHNICAL

For installation and technical information, scan the QR code and view 'Downloads' tab.





Profiles



Availability

CODE	DESCRIPTION	LEAD TIME	MOQ
UL*G15518	ULTRALIGN 155 x 18mm Groove (Insert Colour), 6.5m Length	4-5 Weeks	1 Length
UL*C15525	ULTRALIGN 155 x 25mm Cabin (Insert Colour), 6.5m Length	14-16 Weeks	50 Lengths
UL*S20548	ULTRALIGN 205 x 48mm Seam (Insert Colour), 6.5m Length	14-16 Weeks	50 Lengths
UL*BXXX50	ULTRALIGN XXX x 50mm Batten (Insert Colour), 6.5m Length	4-5 Weeks	1 Length
UL*EXXX50	ULTRALIGN XXX x 50mm Batten End Cap (Insert Colour)	4-5 Weeks	1 End Cap
CFM40X	COLOURFIX 40mm x 8g End Cap Screw (Insert Colour), 100 Pack	3-4 Weeks	1 Pack

^(*) The asterix in the code denotes the specified type of finish to be applied to the aluminium extrusion as follows; U = Ultrawood Timber Colours, A = Anodised Colours and P = Powdercoat Colours.

System Components











AS 1530.1 Sarking

Breathable Barriers

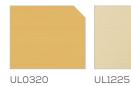
Steel Facade System Colour-match Trims

Cladding Fixings

ULTRALIGN

Colour Chart

Anodised Colours







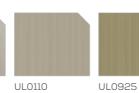












Astro Journey



Solar Storm





Comet Trail*







UL1519 UL0314 Constellation Orion Sky

UL1904 Stellar Distance

Material Colours



UL0102 Authentic Brushed









Coral Rust

UL1502



Authentic Rust Uluru Rust







UL2102

Uluru Brushed

UL2114

UL0202

UL1514 Bronze Brushed Ochre Brushed Ochre Natural

Powdercoat Excel Colours





(*) These colours will not be consistent and will have significant variation of colour and tone both between different lengths and within a single length.



ULTRALIGN

Colour Chart

Powdercoat Living Colours



Powdercoat Vivica Colours



GY270A Asteroid Pearl

GL249A Storm Front

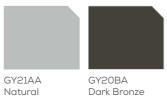
GY042A

GY237A Black Onyx Charcoal Pearl Gloss



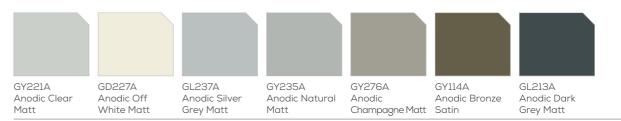
GM019A Charcoal Metallic Gloss

Precis Colours

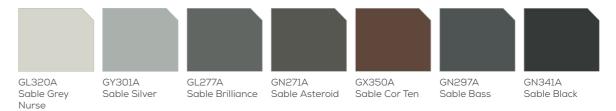


Dark Bronze Shimmer Matt Matt

Powdercoat Anodic Colours



Powdercoat Sable Colours



Powdercoat Ultriva Colours



Powdercoat Vitality Colours





















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