



BLUECHIP

Metal Cladding

ULTRACORE IQ

Product Brochure

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ANZAC HOUSE

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

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.



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 means 80x less heat transfer into the building for greater fire safety and section J compliance.



AS 1530.1 NON-COMBUSTIBLE

ULTRACORE IQ is one of the few aluminium 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.



MECHANICAL CASSETTE-FIXING

Compared to a SOLID aluminium panel, ULTRACORE IQ is faster and easier to fabricate using the well-proven z-angle cassette-fix system making it more cost effective and compliant with C2D15(1)..



AS 5113 FIRE TESTING

ULTRACORE IQ is Deemed-to-Satisfy non-combustible so does not require further testing. However it has been tested to AS 5113 full-scale testing by Exova Warringtonfire, proving it does not contribute to the spread of fire.



OIL-CANNING RESISTANCE

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.



ZERO POLYETHYLENE (0%)

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.

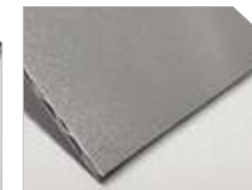
Product Range



ULTRACORE IQ Metallic Colours



ULTRACORE IQ Solid / Matt Colours



ULTRACORE IQ Sparkling Colours



ULTRACORE IQ Chromatic Colours



ULTRACORE IQ 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	300m ²
ULTRACORE IQ Matt, Sparkling, Chromatic & Imitation Colours	2500, 3200, 4000 x 1250mm 2500, 3200, 4000 x 1500mm	10-12 Weeks	300m ²

System Components



FIRESPAN
AS 1530.1 Sarking



BICEP & STUDTEK
Steel Facade System



TRIMS & Z-ANGLES
Specialised Cladding
& Decking Fixings



TAPES & GASKETS
Foil & Foam Tapes



JOINT SEALANT
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

UC9701 Sterling Silver Metallic (s)	UC9205 Champagne Metallic (s)	UC9134 Smoke Silver Metallic (s)	UC9137 Dark Grey Metallic (s)	UC9308 Bronze Metallic (s)	UC4344 Medium Bronze Metallic	UC4370 Satin Brown Metallic	UC5292 Obsidian Metallic (s)
UC4150 Gold Metallic (s)	UC9809 Copper Metallic (s)	UC2510 Terracotta Metallic	UC4190 Tangerine Metallic	UC4420 Blue Grey Metallic	UC9031 Jade Metallic		

Solid Colours

UC1005 Arctic White (s)	UC1025 Arctic Gloss (s)	UC9902 Clean White (s)	UC1255 Volcanic Grey (s)	UC1270 Hunter Grey (s)	UC9130 Carbon Black (s)	UC1590 Global Green (s)	UC1460 Royal Blue (s)
UC1140 Atomic Yellow (s)	UC1190 Pilbara Orange (s)	UC1677 Centurion Red (s)					

BCG Colours

UC9016 Traffic White	UC9010 Pure White	UC1013 Oyster White	UC1015 Light Ivory	UC1014 Ivory	UC7044 Silk Grey	UC7030 Stone Grey	UC7005 Mouse Grey
UC9002 Grey White	UC7035 Light Grey	UC7004 Signal Grey	UC7000 Squirrel Grey	UC7011 Iron Grey	UC7016 Anthracite Grey	UC7022 Umbra Grey	UC9005 Jet Black
UC6019 Pastel Green	UC6021 Pale Green	UC6018 Yellow Green	UC6037 Pure Green	UC6029 Mint Green	UC6026 Opal Green	UC6005 Moss Green	UC6003 Olive Green
UC5024 Pastel Blue	UC5023 Distant Blue	UC5015 Sky Blue	UC5021 Water Blue	UC5019 Capri Blue	UC5002 Ultramarine Blue	UC5008 Grey Blue	UC5011 Steel Blue
UC1016 Sulfur Yellow	UC1018 Zinc Yellow	UC1023 Traffic Yellow	UC1037 Sun Yellow	UC8008 Olive Brown	UC8028 Terra Brown	UC8019 Grey Brown	UC4007 Purple Violet
UC1017 Saffron Yellow	UC2003 Pastel Orange	UC2004 Pure Orange	UC2002 Vermilion	UC3020 Traffic Red	UC3001 Signal Red	UC3003 Ruby Red	UC3005 Wine Red

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.



ULTRACORE IQ

Colour Chart

Matt Colours



Sparkling Colours



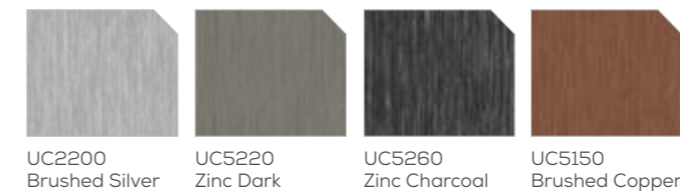
Stone Imitations



Chromatic Colours



Metal Imitations



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.





We've Got It Covered



V0922



BLUECHIP
Metal Cladding



BLUECHIP
Natural Cladding



BLUECHIP
Timber Cladding



BLUECHIP
Decking Products



BLUECHIP
Insulation Products



BLUECHIP
Facade Systems

Blue Chip Group Pty Ltd

SYDNEY | MELBOURNE | BRISBANE | PERTH

P 1300 945 123

E sales@bluechipgroup.net.au

www.bluechipgroup.net.au

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