



BLUECHIP

Metal Cladding

ULTRACORE

Product Brochure

www.bluechipgroup.net.au



ULTRACORE

Non-combustible Aluminium Core Panel

Description

ULTRACORE manufactured by BLUECHIP is a Deemed-to-Satisfy (DtS) non-combustible aluminium panel when tested to AS 1530.1 and AS 1530.3 as per the requirements of the NCC 2019, Clause C1.9(e) (vii). It has also been tested by Exova Warringtonfire to BS 8414 and AS 5113 full-scale testing, proving it does not contribute to the spread fire. Visually, ULTRACORE aluminium 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 SOLID aluminium panels, ULTRACORE can demonstrate 40 years of proven corner durability when using the common v-groove folding system. This is because the front skin is not impacted when v-grooving.



LESS THERMAL CONDUCTIVITY

ULTRACORE 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 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 2019 Clause C1.9(e)(vii) requirements.



FASTER FABRICATION TIME

Compared to solid aluminium panel, ULTRACORE panel is much more cost-effective, faster and easier to fabricate on CNC machines using the well-proven z-angle cassette system with concealed mechanical fixings.



AS 5113 FIRE TESTING

ULTRACORE 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 guarantees against oil-canning.



ZERO POLYETHYLENE (0%)

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



LESS CARBON FOOTPRINT

ULTRACORE aluminium core panel uses approximately 50% less aluminium per m2 than SOLID aluminium panels for much less carbon footprint and it is 50% lighter for significant structural and labour savings.

Product Range



ULTRACORE Metallic Colours



ULTRACORE Solid / Matt Colours



ULTRACORE Sparkling Colours



ULTRACORE Chromatic Colours



ULTRACORE Imitation Finishes

Availability

DESCRIPTION	SHEET SIZES	LEAD TIME	MOQ
ULTRACORE Metallic Stock Colours UC9701, UC9205, UC9134, UC9137, UC9308, UC4150, UC5292, UC9809	2500, 3200, 4000 x 1500mm	Stock	1 Sheet
ULTRACORE Solid Stock Colours UC1005, UC1025, UC9902, UC1255, UC1270, UC9130, UC1590, UC1460, UC1140, UC1190, UC1677	2500, 3200, 4000 x 1500mm	Stock	1 Sheet
ULTRACORE Non-stock, BCG & Custom Colours	2500, 3200, 4000 x 1250mm 2500, 3200, 4000 x 1500mm	8-10 Weeks	300m ²
ULTRACORE Matt, Sparkling, Chromatic & Imitation Colours	2500, 3200, 4000 x 1250mm 2500, 3200, 4000 x 1500mm	8-10 Weeks	300m ²

System Components



FIRESPAN AS 1530.1 Sarking



STUDTEK Steel Sub-framing



EXTRUSIONS Z-angles & Trims



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

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	UC4150 Gold Metallic (s)	UC5292 Obsidian Metallic (s)
UC9809 Copper Metallic (s)	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 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

Colour Chart

Matt Colours



UCM884 Matt Silver UCM885 Matt White UCM886 Matt Pearl UCM001 Matt Ivory UCM006 Matt Bronze UCM004 Matt Graphite UCM003 Matt Copper UCM002 Matt Gold

Sparkling Colours



UC7010 Sparkling White Gloss UC4725 Sparkling Light Grey UC7250 Sparkling Dark Grey UC7295 Sparkling Black Gloss

Chromatic Colours



UC7090 Chromatic Golden Snow UC7430 Chromatic Sunset Purple UC7350 Chromatic Rustic Bronze UC7290 Chromatic Galaxy Silver UC7480 Chromatic Indigo Violet UC7450 Chromatic Oriental Silk UC7490 Chromatic Tropical Ocean UC7510 Chromatic Martian Green



UC7160 Chromatic Antique Gold UC7170 Chromatic Honey Gold UC7180 Chromatic Tiger Orange UC7190 Chromatic Sahara Copper

Timber Imitations



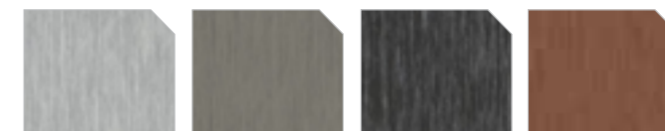
UC8310 Rustic Pine UC8320 Unique Beli UC8340 Vintage Walnut UC8355 Elegant Teak UC8385 Ascot Teak UC8650 Noble Bloodwood UC8395 Polished Rengas

Stone Imitations



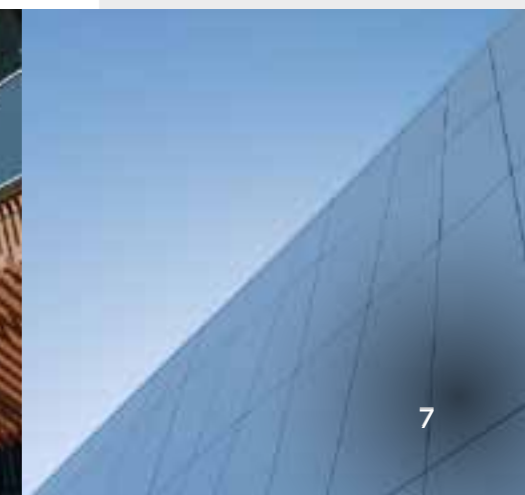
UC6060 Marble Pearl White UC6385 Marble Cashmir Beige UC6315 Travertine Atlas Beige UC6305 Travertine Calico Cream UC6310 Granite Aurisina Beige UC6280 Granite Magenite Black

Metal Imitations



UC2200 Brushed Silver UC5220 Zinc Dark UC5260 Zinc Charcoal UC5150 Brushed Copper

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 ULTRACORE 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

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