

AICA

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CERARL

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2019



ADMIRA

## CERARL 2019

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

06	WOOD GRAINS
12	STONES
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## LEGEND

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<b>NEW</b>	NEW
	GREEN LABEL
	TRACELESS

ORIENTAL MARBLE  
FCS 1812

## AESTHETICS ON DEMAND

CERARL is a unique laminate panel that is designed for wall cladding; even on existing furnished walls. Developed and made in Japan, the leading-edge CERARL technology grants several advantageous properties for residential and commercial spaces.

Easy to install and maintain, CERARL also offers beautiful wood grain patterns, marble and brushed metal surfaces. It is ideal for hygiene-sensitive, high traffic and/or wet areas.



BOTTICINO FROST  
FCS 1891



## ELEVATING INTERIOR BEAUTY

CERARL brings spaces to previously unthinkable heights.

CERARL produces a sleek seamless finish to walls and kitchen backers similar to glass and stainless steel.

Messy wet works and noisy hacking of existing tiles are now a thing of the past with CERARL innovative materials.



ANTI-BACTERIAL



HIGH RESISTANCE  
TO IMPACT



SLIM AT  
3MM THICK



FIRE RATING  
CLASS 'O'



WATER  
RESISTANT



EASY TO CLEAN



STAIN RESISTANT



QUICK & EASY  
INSTALLATION



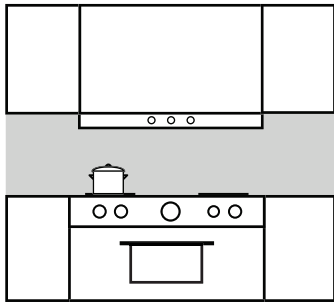
LIGHT WEIGHT



SEAMLESS  
FINISHING



## COMMON APPLICATIONS



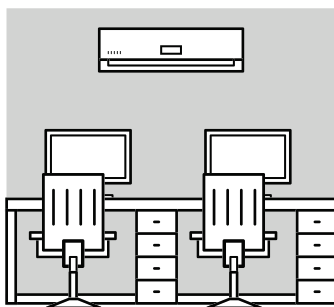
KITCHEN WALL



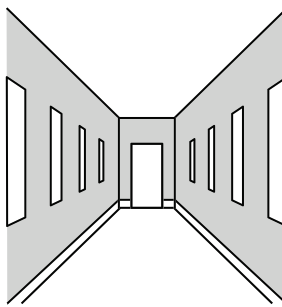
BATHROOM WALL COVERING



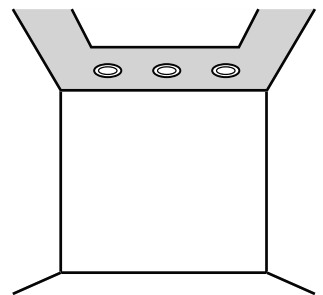
LIFT LOBBY EXTERIOR



INDOOR WALL



CORRIDOR



CEILING

WHITE WALNUT  
FCW 2171



Artistic impression only.



# WOOD GRAINS

NEW



WOOD ASPEN

FCW 1133

NEW



NUTURA WHITE

ACW 1532



WHITE WALNUT

FCW 2171



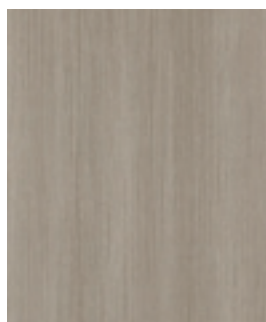
PHRYGIAN ASH

FCW 1788



PAINTED OAK

FCW 1806



PAINTED OAK (GREY)

FCW 1572



BLAST CEDAR (DARK)

FCW 1708

OGON OAK  
FCW 1794



Artistic impression only.





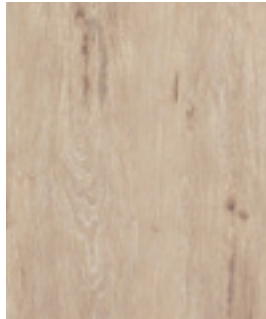
# WOOD GRAINS

NEW



SOL CHESTNUT

FCW 1763



ALABASTER OAK

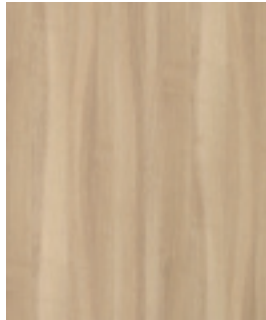
FCW 1793

OGON OAK

FCW 1794



NEW



TORINO WALNUT

FCW 1711

SMOOTH ASH

FCW 3112



LAURA ELM

FCW 1648

MANASLU OAK

FCW 1654

ZERBRANO  
FCW 1816



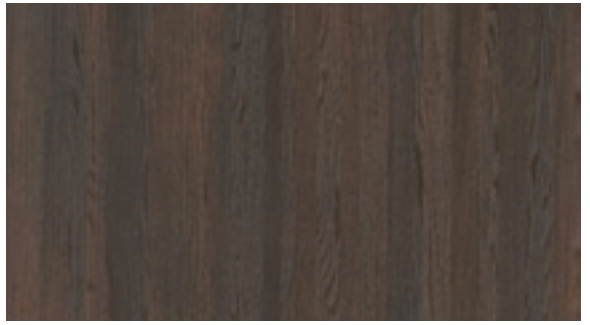
Artistic impression only. Please refer to Installation Precaution on page 21.



# WOOD GRAINS

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NEW



DARK MAHOGANY

FCW 1669



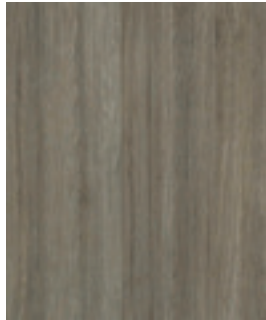
MANHATTAN WALNUT

ACW 2556



RUSTIC PINE

FCW 1538



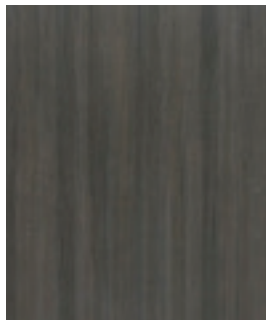
FIELD OAK

FCW 1520



ZEBRANO

FCW 1816



KYOTO NITE

FCW 3559

NEW



GABON EBONY

FCW 2165

EMPERADOR MARBLE  
ACS 1403

BLACK GLACIER  
ACA 2042



Artistic impression only.



## STONES

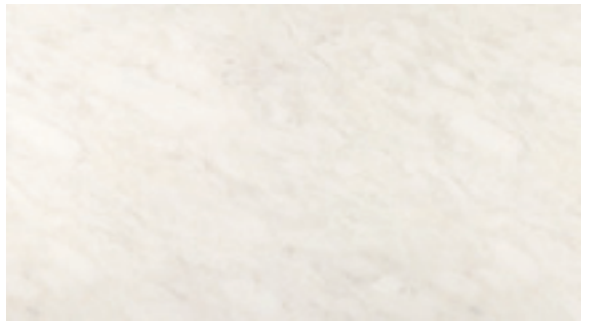
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CORONA MARBLE

ACS 1913

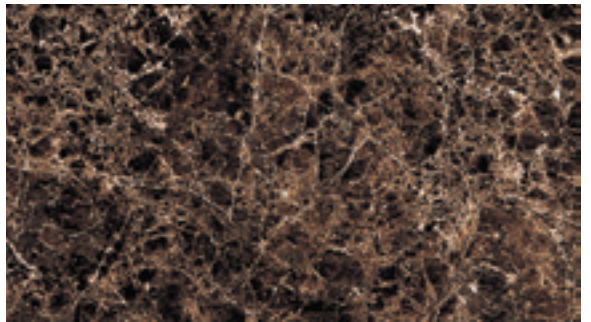
**NEW**



BOTTICINO FROST

FCS 1891

**NEW**



EMPERADOR MARBLE

ACS 1403

**NEW**



BLACK GLACIER

ACA 2042

TRAVERTINO  
ACS 2071



Artistic impression only.



## STONES

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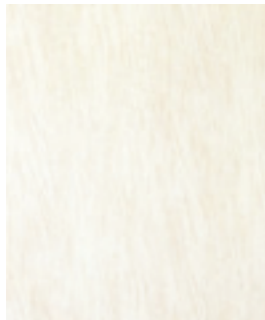
VENICE TRAVERTINO

ACS 1758



TRAVERTINO

ACS 2071



KILIMANJARO

ACS 2899



BOTTICINO BEIGE

ACS 1921



ORIENTAL MARBLE

FCS 1812



CONCRETE

ACS 1147

GLASS  
ACP 7312

PEARLY SAND  
FCP 6230



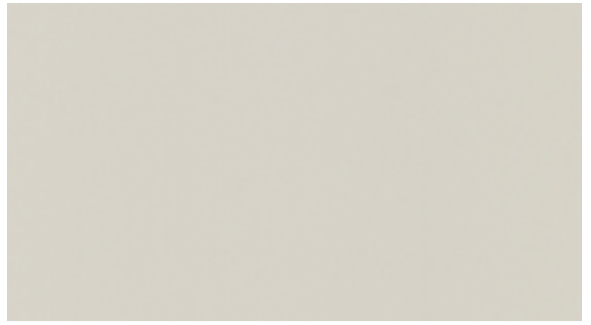
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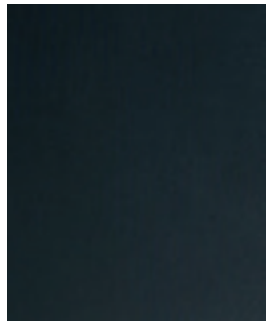
# COLOURS

NEW



PEARLY SAND

FCP 6230



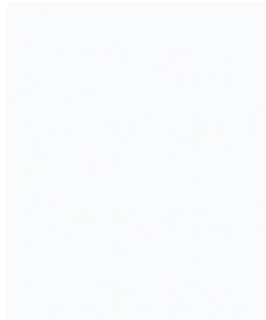
VIBRATION

ACP 5505



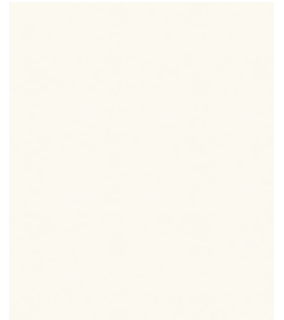
BRUSHED METAL

ACP 6228



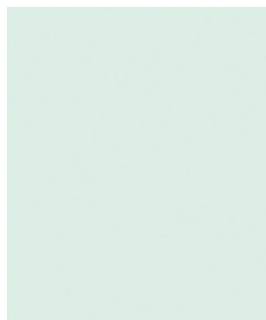
WHITE

ACP 5417



BEIGE

ACP 5114



GLASS

ACP 7312



PEARLY GRANITE

ACP 852

WHITE CALCITE  
ACA 2108

BRECCIA SILK  
FCA 1827



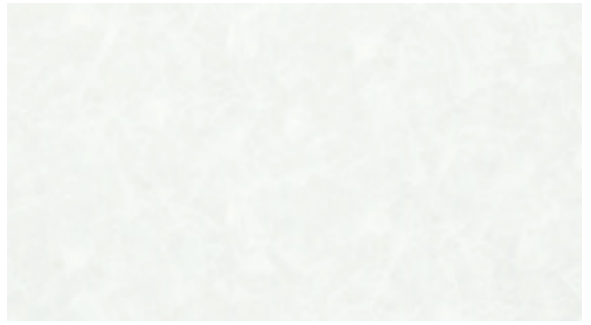
Artistic impression only.



# PATTERNS

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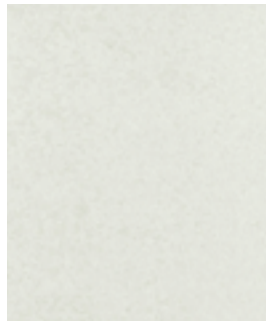
NEW



BRECCIA SILK

FCA 1827

NEW



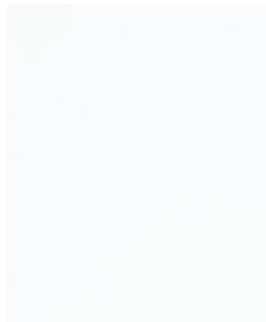
WHITE CALCITE

ACA 2108



LUMINAIRE

ACA 1917



BUBBLE

ACA 6111



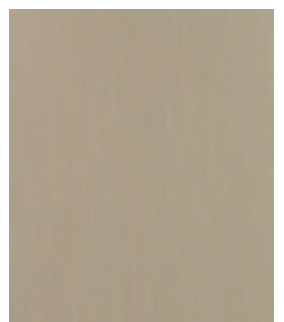
STRIPE WHITE

ACA 1949



STRIPE GREY

ACA 1950



STRIPE BEIGE

ACA 1951

## BEFORE INSTALLATION

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1

Pre-plan the number of CERARL panels required, how many to cut and how to join panels for continuous wall cladding.

2

Pre-plan the areas needed to install wall accessories, power socket, etc for on-site drilling and cutting.

3

When cutting CERARL panels, ensure saw blade is sharp.

## INSTALLATION METHOD - NEW SURFACES

---

1



The surface must be free from dust, contaminants and oil.

2



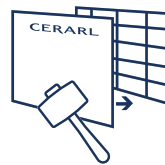
The plaster surface must first be prime with a coat of oil/water-based sealer before installation.

3



Apply adhesive agents — Maxbond and industrial double-sided tape.

4



Clad CERARL panel onto the dry and clean wall. Ensure the panel is evenly pasted onto wall with rubber mallet.

## INSTALLATION METHOD - EXISTING SURFACES

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1



The existing wall surface tiles must be sound and free from dust, contaminants and oil.

2



A thicker screed is recommended if the existing surface is not even or flat.

3



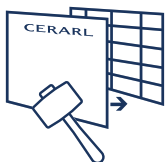
The back of the CERARL must be lightly sanded if using waterproofing glue.

4



Apply adhesive agents — Maxbond and industrial double-sided tape.

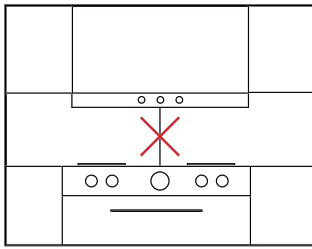
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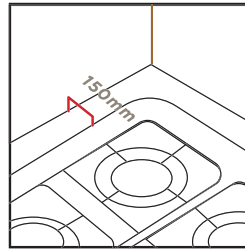
Clad CERARL panel onto the dry and clean wall. Ensure the panel is evenly pasted onto wall with rubber mallet.

## INSTALLATION PRECAUTION

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Do not place panel joints directly above cooker hob.



For cooking areas, a safety clearance of 150mm from the stove's edge is strongly advised.

## CARE & MAINTENANCE

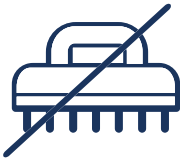
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Use a damp cloth, soft sponge or melamine foam for overall cleaning.



Mild household detergent or surface cleaners are sufficient to clean away dirt and stains.



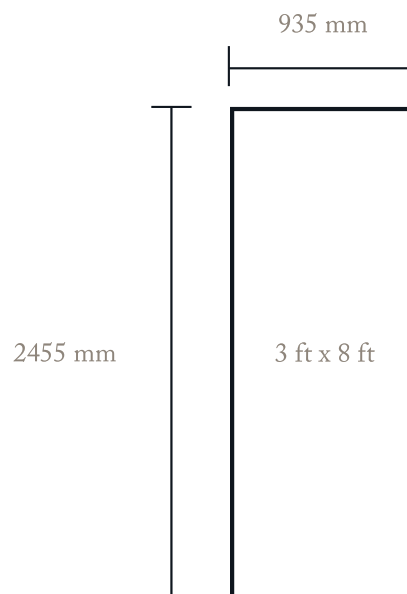
Do not use nylon or steel types of scrub brushes.



Acidic and corrosive products, such as bleach, must not be applied.

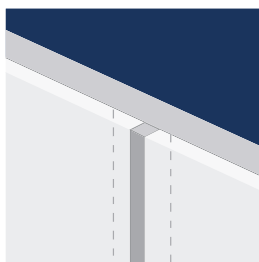
## PANEL SIZE

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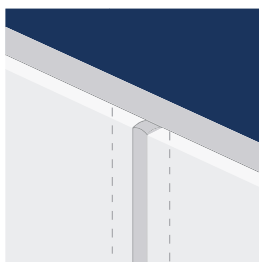
\*All CERARL panels are in portrait orientation.

# JOINT METHODS



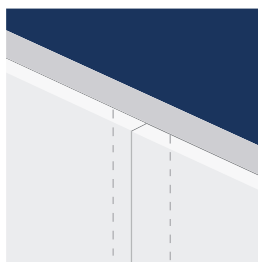
## METHOD 1:

Place Standard Steel inlay between panels (3mm).



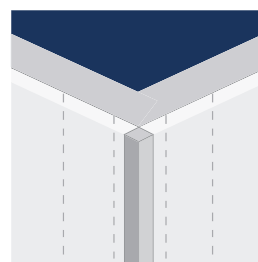
## METHOD 2:

Use coloured Sealant to fill the gap.



## METHOD 3:

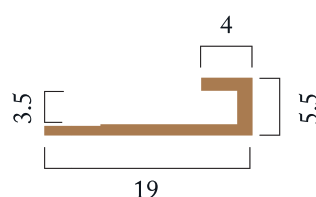
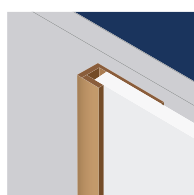
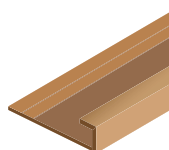
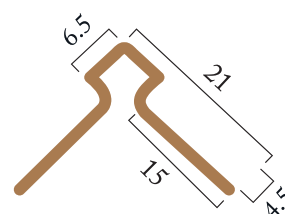
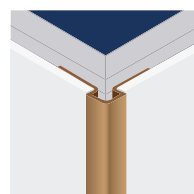
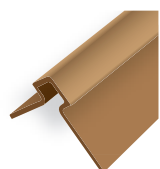
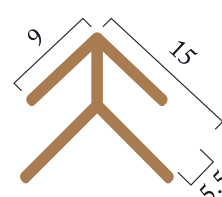
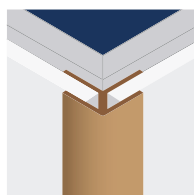
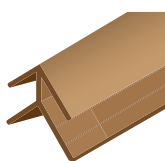
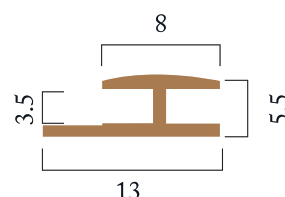
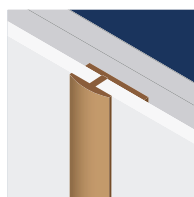
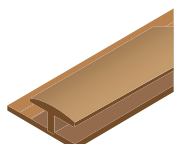
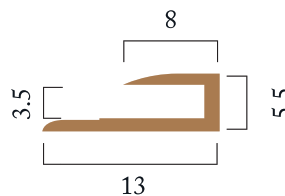
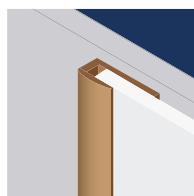
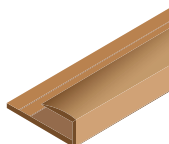
With butt joints, place double-sided tape strips in-between the two joints behind the back panel.



## METHOD 4:

With Corner Joints, place Standard Steel inlay between corner panels (3mm) and place two double-sided tape strips along the edge of the joint.

# CERARL ACCESSORIES



\*Dimension of the Joiner is in (mm). Joiners comes in either aluminum or plastic material, depends on designer's usage.

Please contact our sales representatives to see the actual joint and corner accessories.

# TECHNICAL DATA SPECIFICATIONS

S/N	TEST ITEM	METHOD ADOPTED	TEST RESULT
1	Determination of Surface Irregularities	BS 4965 : 1999 Annex A	Passed: Rating 1 (No show - through)
2	Resistance to Immersion in Boiling Water	BS EN 438 - 2	Passed: Rating 5 (No visible change in appearance after 2 hours in boiling water)
3	Determination of Thickness and Density (by weight and calculation)	BS EN 438 - 2	Thickness : 3.0 ± 0.1mm Density : 1845 Kg/m <sup>3</sup>
4	Resistance to Water Vapor	BS EN 438 - 2	Passed: Rating 5 (No visible change in appearance after 1 hour boiling)
5	Pencil Hardness	ASTM D 3363	Passed: 8H
6	Flexural Properties	BS EN ISO 178	51.3 MPa
7	Resistance to Impact by Large Diameter Ball (diameter 43mm, 325g)	BS EN 438 - 2	Passed: 1.0m (No cracking)
8	Heat Resistance	JIS K 6902	Passed (No visible change)
9	Resistance to Staining (Acetone, Coffee, 25% Sodium Hydroxide, 30% Hydrogen Peroxide, Shoe Polish)	BS EN 438 - 2	Passed: Rating 5 (No visible change)
10	Resistance to Cracking Under Stress	BS EN 438 - 2	Passed: Rating 5 (No evidence of cracking)
11	Resistance to Cigarette Burns	BS EN 438 - 2	Passed: Rating 5 (No visible change - no discoloration, cracks or blisters)
12	Abrasion Resistance	ASTM D 4060 (CS 10, 500g for 1000 cycles)	Passed: 1,000 cycles - 40.5mg mass loss
13	Resistance to QUV Accelerated Weathering for 168 hours	ASTM G 154	Passed: Grey Scale: 4.5; Gloss Retention: 99% at 80°C
14	Adhesion Bond Strength: - To concrete surface - To glazed wall tile surface	ASTM D 4541	4.6 kg/cm <sup>2</sup> (Bonded to concrete) 3.6 kg/cm <sup>2</sup> (Bonded to Glazed ceramic wall tile)
15	Emission of Air-Borne Pollutants:		
	- Formaldehyde	HPLC	Not Detected
	- 4-phenylcyclohexane	ASTM D5116:06	< 0.0065 mg/m <sup>3</sup>
	- Total VOCs	ASTM D5116:06	< 0.5 mg/m <sup>3</sup>
	- Total Aldehydes	HPLC	Not Detected
	- Heavy Metal: Cd, Cr, Pb, Hg	Acid Digestion and ICP-OES Analysis	Not Detected
- Halogenated Compounds	Combustion, IC, Solvent Extraction and GCMS Analysis	1.45 mg/kg (ppm)	
- Aromatic Solvents	Headspace GCMS Analysis	Not Detected	
16	Fire Resistance Rating	Fire Propagation: BS 476: Part 6: 1989 + A1: 2009 Surface Spread of Flame: BS 476: Part 7: 1997 (Class 1)	Class '0' Rating
17	Toxicity Emission	BS 6853:1999 Annex B	R < 0.3
18	Smoke Density	EN 13501-1:2007 +A1: 2009	B-s1,d0
19	Singapore Green Label Scheme	SGLS #042 Certification Environmentally Preferred Laminate	

*\*All technical data specifications are accurate at the time of printing and subject to updates without prior notice.*








# PANEL PRICE LIST

SIZE: 3 FT X 8 FT / 914 MM X 2440 MM

RANGE	PRODUCT CODE	PRICE (SGD)
WOODGRAINS	ACW	170.00
	FCW	187.00
STONES	ACS	170.00
	FCS	187.00
COLOURS	ACP	170.00
	FCP	187.00
PATTERNS	ACA	170.00
	FCA	187.00

# JOINER PRICE LIST

LENGTH : 10 FT / 3075 MM

S/N	JOINER TYPE	JOINER CODE	COLOUR	MATERIAL	PRICE (SGD)
1		ACC-217	Dark Brown	Aluminium	34.00
2		ACC-219	Silver	Aluminium	24.00
3		ACC-106	Beige	ABS	12.00
4		ACC-108	Dark Grey	ABS	12.00
5		ACC-110	White	ABS	12.00
6		ACC-114	Khaki Brown	ABS	12.00
7		ACC-221	Dark Brown	Aluminium	28.00
8		ACC-213	Silver	Aluminium	15.00
9		ACC-111	White	ABS	8.00
10		ACC-112	Khaki Brown	ABS	8.00
11		ACC-115	Beige	ABS	8.00
12		ACC-116	Dark Grey	ABS	8.00
13		ACC-216	Dark Brown	Aluminium	28.00
14		ACC-218	Silver	Aluminium	15.00
15		ACC-105	Beige	ABS	8.00
16		ACC-107	Dark Grey	ABS	8.00
17		ACC-109	White	ABS	8.00
18		ACC-113	Khaki Brown	ABS	8.00
19		ACC-220	Silver	Aluminium	19.00
20		ACC-222	Silver	Aluminium	19.00

\*Prices are subject to 7% GST.





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Manufactured by **AICA**

## DISCLAIMER & WARRANTY

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Clients are advised to reconfirm the selected designs, corresponding colour codes and material attributes with ADMIRA's representatives prior to ordering. ADMIRA will not be responsible for any claims resulting in errors in this catalogue, or from the sample selection process. ADMIRA ensures that its surface products are reasonably free of defects upon delivery with compliance to its strict material properties and quality controls. Customers are advised to examine the CERARL quality before installation for any noticeable manufacturing defects. Should there be any inherent defects not due to mishandling or improper installation, ADMIRA's liability will be limited to the replacement of products only. Colours and patterns of the panels in this catalogue and on our digital platforms may vary from actual laminate pieces.

