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CERARL

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2019





ADMIRA

CERARL 2019

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LEGEND

NEW	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



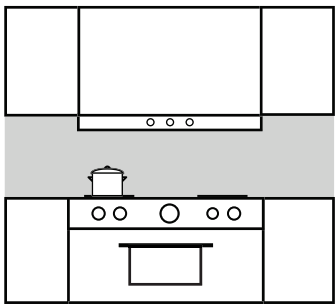
LIGHT WEIGHT



SEAMLESS
FINISHING



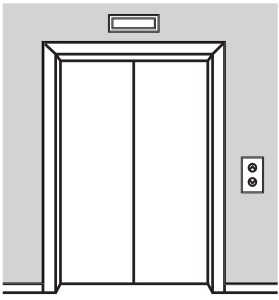
COMMON APPLICATIONS



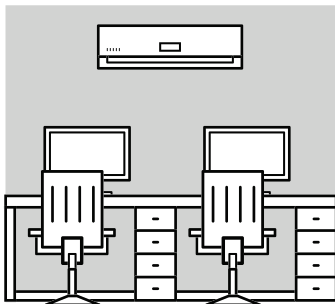
KITCHEN WALL



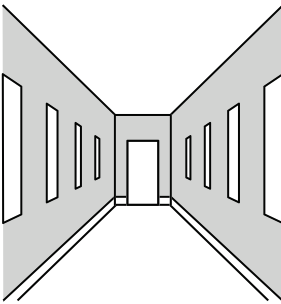
BATHROOM WALL COVERING



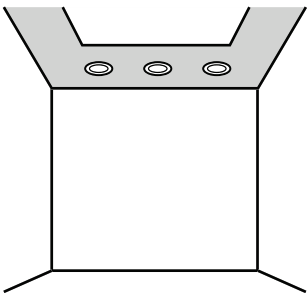
LIFT LOBBY EXTERIOR



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



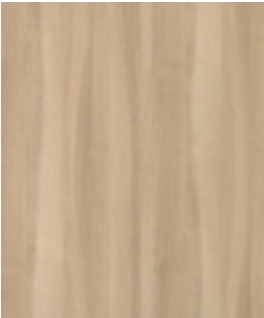
SOL CHESTNUT
FCW 1763



ALABASTER OAK
FCW 1793



OGON OAK
FCW 1794

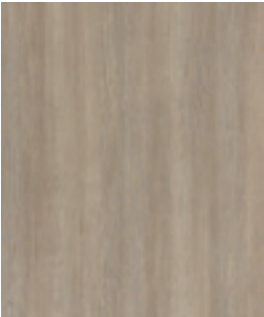


TORINO WALNUT
FCW 1711

NEW



SMOOTH ASH
FCW 3112



LAURA ELM
FCW 1648



MANASLU OAK
FCW 1654

ZERBRANO
FCW 1816

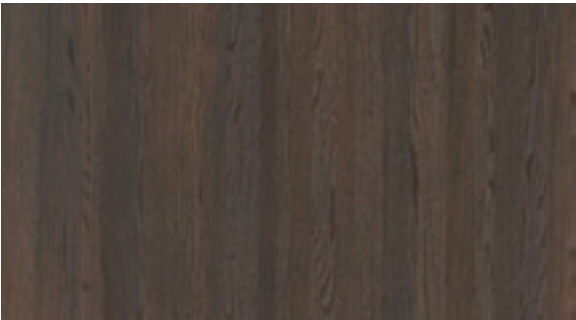


Artistic impression only. Please refer to Installation Precaution on page 21.

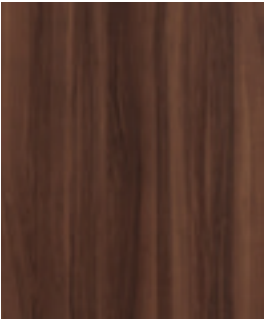


WOOD GRAINS

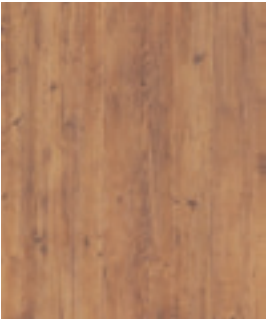
NEW



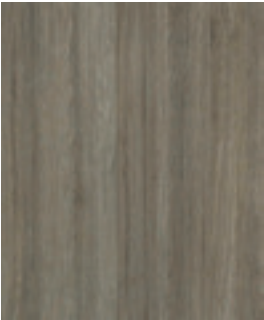
DARK MAHOGANY
FCW 1669



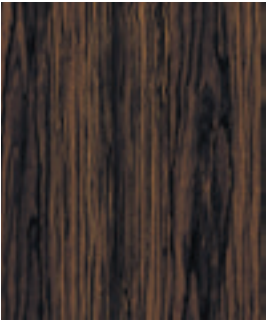
MANHATTAN WALNUT
ACW 2556



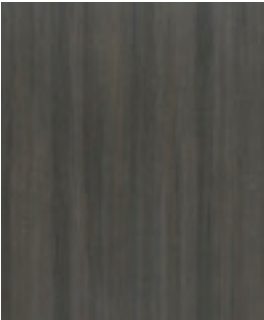
RUSTIC PINE
FCW 1538



FIELD OAK
FCW 1520

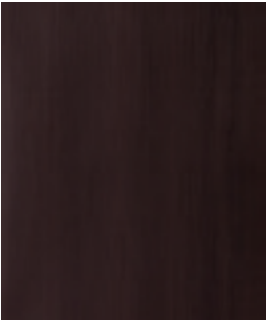


ZEBRANO
FCW 1816



KYOTO NITE
FCW 3559

NEW



GABON EBONY
FCW 2165

EMPERADOR MARBLE
ACS 1403

BLACK GLACIER
ACA 2042



Artistic impression only.

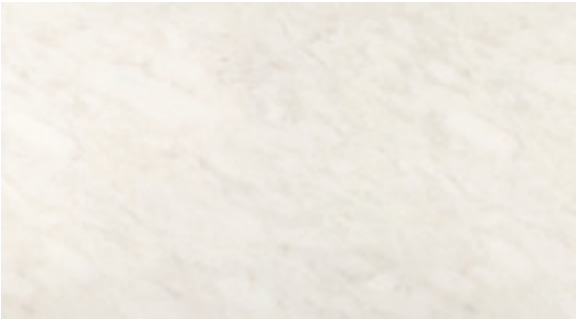


STONES



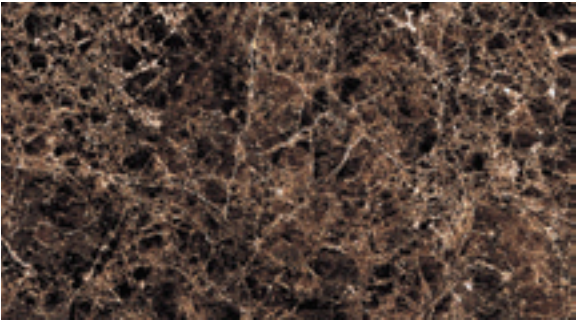
CORONA MARBLE
ACS 1913

NEW



BOTTICINO FROST
FCS 1891

NEW



EMPERADOR MARBLE
ACS 1403

NEW



BLACK GLACIER
ACA 2042

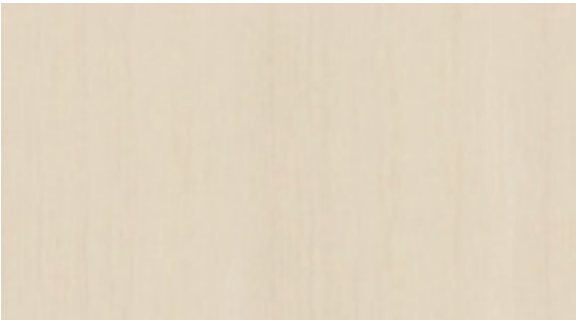
TRAVERTINO
ACS 2071



Artistic impression only.



STONES



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



Artistic impression only.

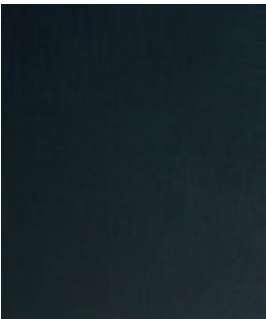


COLOURS

NEW



PEARLY SAND
FCP 6230



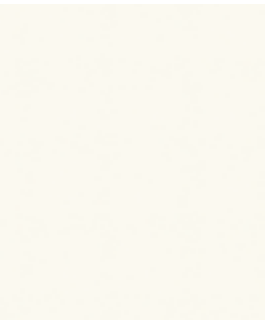
VIBRATION
ACP 5505



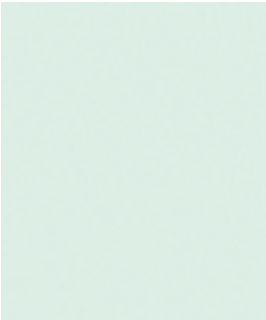
BRUSHED METAL
ACP 6228



WHITE
ACP 5417



BEIGE
ACP 5114



GLASS
ACP 7312



PEARLY GRANITE
ACP 852

WHITE CALCITE
ACA 2108

BRECCIA SILK
FCA 1827

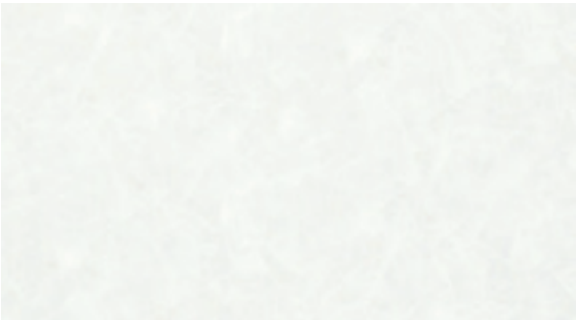


Artistic impression only.



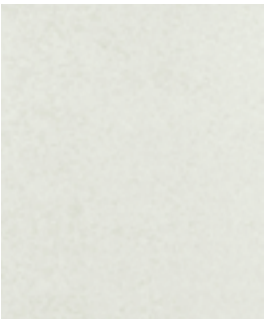
PATTERNS

NEW



BRECCIA SILK
FCA 1827

NEW



WHITE CALCITE
ACA 2108



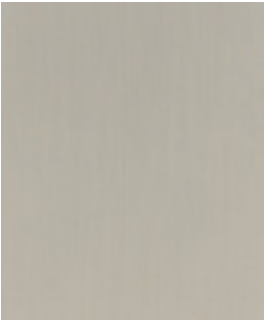
LUMINAIRE
ACA 1917



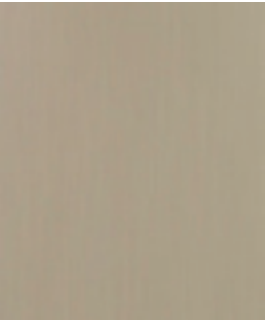
BUBBLE
ACA 6111



STRIPE WHITE
ACA 1949



STRIPE GREY
ACA 1950



STRIPE BEIGE
ACA 1951

BEFORE INSTALLATION

- 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

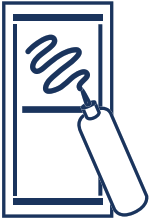
- 1



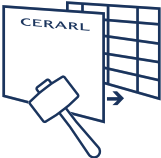
The surface must be free from dust, contaminants and oil.
- 2



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



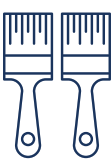
Clad CERARL panel onto the dry and clean wall. Ensure the panel is evenly pasted onto wall with rubber mallet.

INSTALLATION METHOD - EXISTING SURFACES


- 1



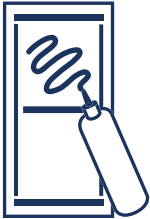
The existing wall surface tiles must be sound and free from dust, contaminants and oil.
- 2



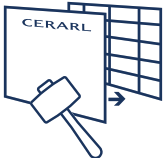
A thicker screed is recommended if the existing surface is not even or flat.
- 3



The back of the CERARL must be lightly sanded if using waterproofing glue.
- 4

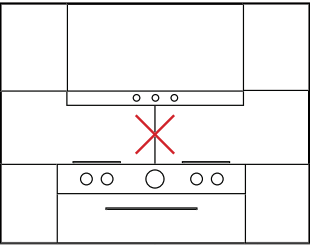


Apply adhesive agents — Maxbond and industrial double-sided tape.
- 5

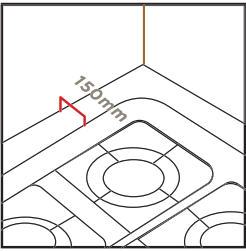


Clad CERARL panel onto the dry and clean wall. Ensure the panel is evenly pasted onto wall with rubber mallet.

INSTALLATION PRECAUTION



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.

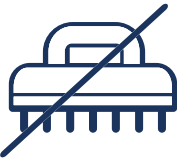
CARE & MAINTENANCE



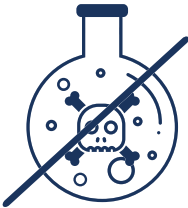
Use a damp cloth, soft sponge or melamine foam for overall cleaning.



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

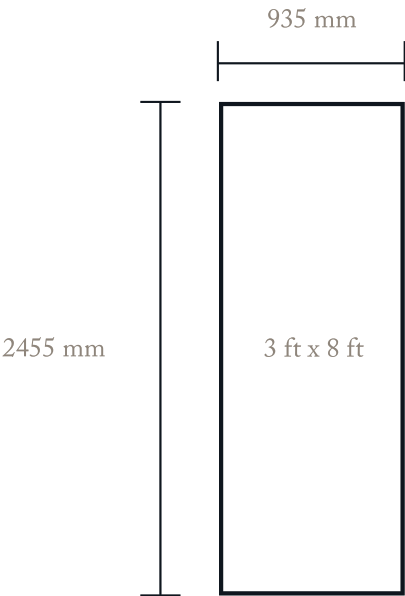


Do not use nylon or steel types of scrub brushes.



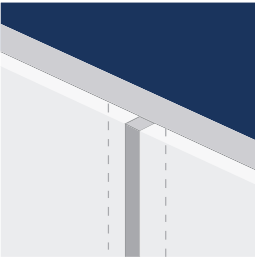
Acidic and corrosive products, such as bleach, must not be applied.

PANEL SIZE

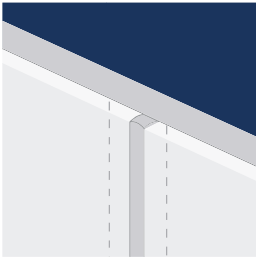


*All CERARL panels are in portrait orientation.

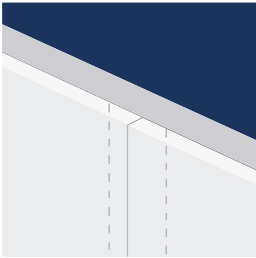
JOINT METHODS



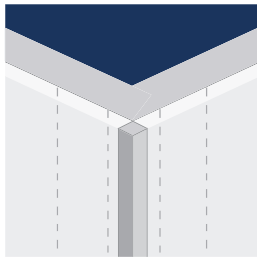
METHOD 1:
Place Standard Steel inlay between panels (3mm).



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

*Dimmension 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/m3
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 ² (Bonded to concrete) 3.6 kg/cm ² (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 ³
	- Total VOCs	ASTM D5116:06	< 0.5 mg/m ³
	- 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.*





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Manufactured by **AICA**

DISCLAIMER & WARRANTY

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.

