



Reflection. **Vision.** Innovation.



Zenolite is a vision of innovation and reflection - in one.

Zenolite optical polymer wall panels bring life, colour and style to any vertical surface.

For architects, designers and builders looking to implement a stylish and incredibly durable look for any residential or commercial project, Zenolite is the perfect innovation.

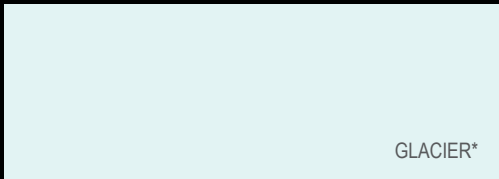
Far lighter and stronger than glass, and with a 10-year indoor UV warranty, it's the perfect innovation for your next creative project.

Coming in a range of colours and panel sizes Zenolite is a true reflection of great design and innovation for designers, architects and builders with vision.

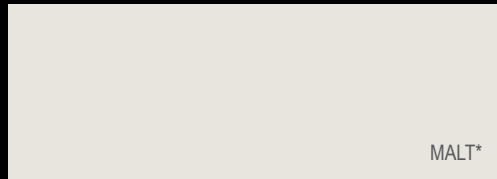


zenolite.com

100% Australian owned & made



GLACIER*



MALT*



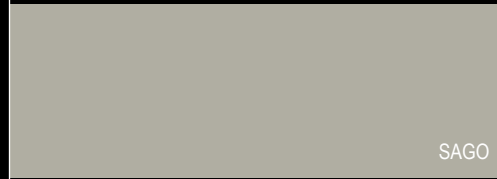
FOREST



SAFARI



earthen **organic** delicate **fresh**



SAGO



ZEST



MACCHIATO*



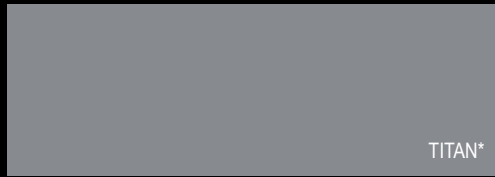
ROUGE*



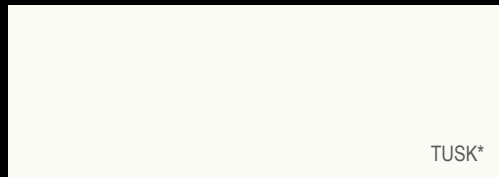
spicy **vibrant** adventure **wild** invigorate



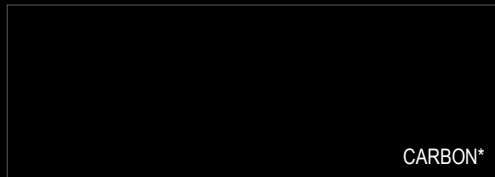
ARCTIC*



TITAN*



TUSK*



CARBON*



industrial **cool** textural **mechanical**



BRUSHED GOLD



BLACK NICKEL



TITANIUM



PEWTER



essentials **sophisticated** foundation **pragmatic**



MAGNESIUM



COCO ELM



COPPER



EBONWOOD



provincial **sensual** rich **aromatic** robust

Sheet sizes

Zenolite
 3620mm x 1220mm x 6mm thick
 2700mm x 1220mm x 6mm thick
 2440mm x 1220mm x 6mm thick
 2440mm x 1220mm x 4mm thick

Zenolite Hard Coated (HC)
 2440mm x 1220mm x 4mm thick

Custom

For minimum order quantities we can customize both colour and panel sizes. Contact your closest HVG distribution centre or EGR for details.

Edge Finishing and joining

Zenolite can be finished using a variety of aluminium edge extrusions. There are five profiles each supplied in 2500mm (98") lengths.

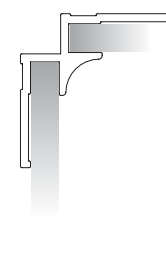
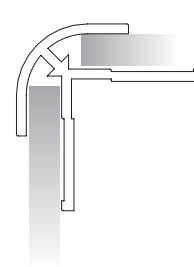
ZNEX0001
 Outer Quad Corner

ZNEX0002
 Internal Quad Corner

ZNEX0003
 Straight Joiner

ZNEX0004
 Square Edge Cap

ZNEX0005
 Quad Edge Cap



Colours

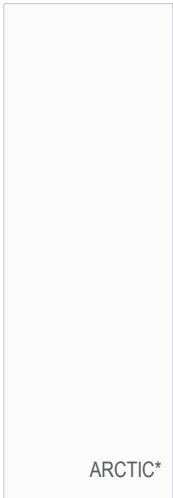
Zenolite wall panels come in a range of colours to meet the changing environments. Bold, neutral, calming and chic - there is a colour to suit every application.

*denotes also available in Zenolite Hard Coated (HC)

COLOUR SOLUTIONS



EBONWOOD



ARCTIC*

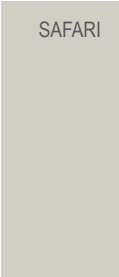


INFRASTRUCTURE

Large commercial projects have ongoing requirements for high quality wall panel products. Zenolite is ideal for bending. It's strong and light weight, making it easy to work with, has low relative cost, and is easy to maintain. Zenolite is the key product for this expanding industry.



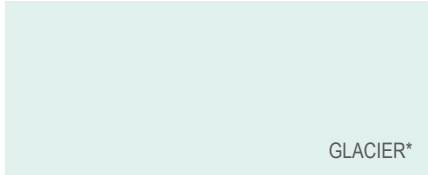
ZEST



SAFARI



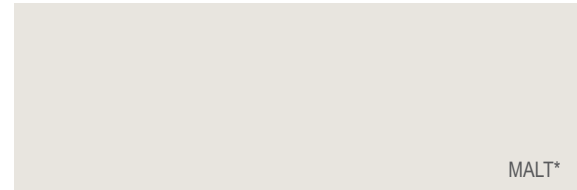
FOREST



GLACIER*



BRUSHED GOLD

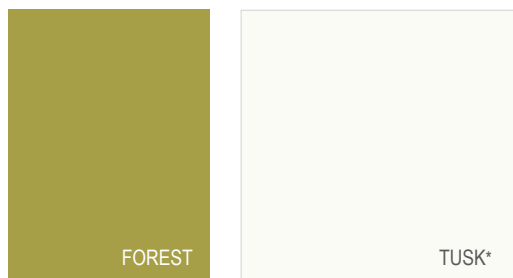
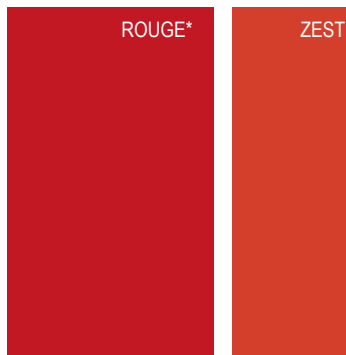


MALT*

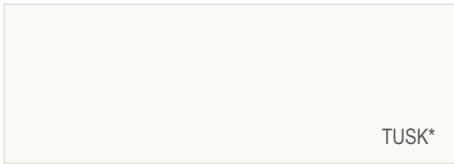
Pleasing to the eye and the palette is fundamental in any establishment. The surroundings need to emphasise the cuisine, whilst the menu relies on the decor to provide a canvas on which it is viewed. The restaurant industry is dominated by subtlety and the Zenolite range can be both subdued and brilliant in its gloss and colour.

HOSPITALITY

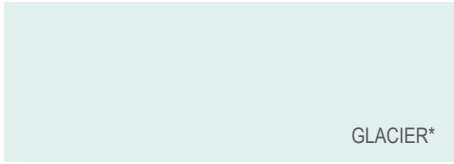
RETAIL



Aesthetically pleasing colours add value to any retail outlet. Zenolite wall panels enhance a product's exposure and brand image by setting a clean, crisp background for all forms of merchandising. The retail and shop fit environment demand quick, easy installs with products that are of low maintenance. In a great range of colours, Zenolite panels make the right statement to your customers.



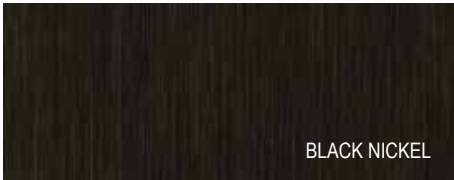
TUSK*



GLACIER*



SAGO



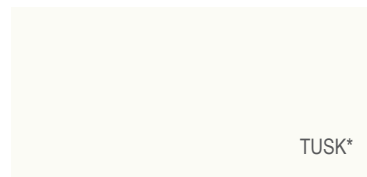
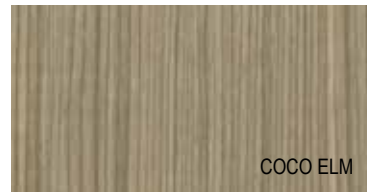
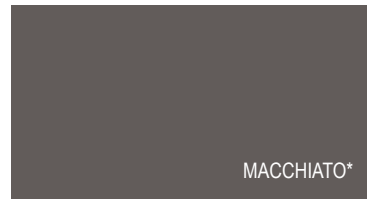
BLACK NICKEL



CORPORATE FIT OUT

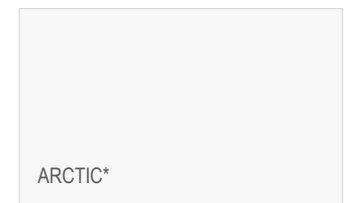
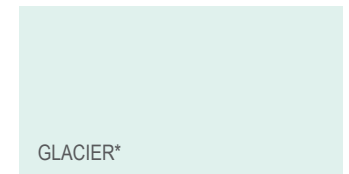


Open spaces, modular partitions and walls all lend themselves to a gloss product that's low maintenance, light, easy to clean and install. Zenolite takes advantage of the move to high gloss in the corporate world and is suitable for large and small corporate spaces. Zenolite panels are quick and easy to install and even easier to maintain.



RESIDENTIAL

Zenolite gives the power to design. Zenolite high gloss wall panels provide a level of elegance in hallways, bedrooms, media rooms, kitchens and bathrooms. Use neutrals to create a calming environment or seasonal splashes of colour to invigorate any space. Zenolite wall panels promote a hygienic surface, ensuring an easy-to-clean space.





ZENOLITE PANEL PROPERTIES

METRIC

IMPERIAL

GENERAL PROPERTIES

Specific Gravity	ASTM D-792	1.19	1.19
Water Absorption	ASTM D-570	< 0.5%	< 0.5%
Gloss	AS/NZS 1580.602	> 80 %	> 80%

DIMENSIONS

Diagonal Difference	< 4mm	< 0.16in
Thickness	6mm	1/4in

MASS

7.14 kg / SQ M	1.4 lbs / SQ Ft
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MECHANICAL PROPERTIES

Tensile Strength, Max.	ASTM D-638	70 MPa	10,000 psi
Elongation at Break	ASTM D-638	4 %	4%
Tensile Modulus	ASTM D-638	3000 MPa	435,000 psi
Flexural Strength	ASTM D-790	100 MPa	15,000 psi
Flexural Modulus	ASTM D-790	3000 MPa	435,000 psi
Izod Impact Strength, Milled Notch	ASTM D-256	15 J/m	0.28ft./lbs.in
Abrasion (Taber, 10 rots. CS10F 500g)	ASTM D-1044	11% Haze	11% Haze
Pencil Hardness	ASTM D-3363	4 H	4 H
Thermal expansion and contraction		0.7mm/1000mm/10°C	43thou/36"/30°F

THERMAL PROPERTIES

HDT, 264psi, 1.82MPa	ASTM D-648	96°C	203°F
CTE, -30 to 30C	ASTM D-696	7mm/(mm.°C)x10 ⁻⁵	4in/(in.°F)x10 ⁻⁵
Continuous service temperature		77°C	170°F
Max temperature, Short term		95°C	202°F
Degradation Temperature		> 275°C	> 530°F

FIRE BEHAVIOUR

Flame Spread	ASTM E84	130*	130*
Australia BCA 2006	AS/NZS 13837:1998	Rating 4	-
U.K.	BS476	Rating 4	-
U.S.A.	UL94	-	HB
Europe	EN 13501	Class E	-

CHEMICAL RESISTANCE

Kerosene	No Effect	No Effect
Mineral Turpentine	No Effect	No Effect
10% Citric Acid	No Effect	No Effect



ALLPLASTICS ENGINEERING PTY LTD

Unit 20, 380 Eastern Valley Way
CHATSWOOD NSW 2067

P: (02) 9417 6111 F: (02) 9417 6169
Email: sales@allplastics.com.au

Web: www.allplastics.com.au

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