



Zenolite® is a next-generation high gloss wall panel. Vivid, lightweight and stronger than glass, it's a sophisticated solution that improves any room. Designed and manufactured in Australia, it's suitable for both residential and commercial applications.

Zenolite LE is the special Luxury Edition of Zenolite. Incorporating a range of designer patterns, including metallics, minerals and woodgrains, it combines the beauty of exotic materials with the practicality of Zenolite.

ALSO AVAILABLE:



Zenolite is available in a wide range of colours, and is suitable for a multitude of applications – from kitchen splashbacks and feature walls, to entire hotel foyers. It can also bend to form gentle curves.



Zenolite HC is a Hard Coated version of Zenolite. It's designed to accommodate more demanding environments, including bathrooms and shower walls, high-traffic areas, and public amenities.



ZENOLITE® LE PANEL PROPERTIES

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

Test Method	Result
MECHANICAL PROPERTIES	
Tensile Strength, Max.	ASTM D-638 70 MPa (10,000psi)
Elongation at Break	ASTM D-638 4%
Tensile Modulus	ASTM D-638 3,000 MPa (435,000psi)
Flexural Strength	ASTM D-790 100 MPa (15,000psi)
Flexural Modulus	ASTM D-790 3,000 MPa (435,000psi)
Izod Impact Strength, Milled Notch	ASTM D-256 15 J/m (0.28 ft-lb/in)
Pencil Hardness	ASTM D-3363 4H

Test Method	Result
THERMAL PROPERTIES	
HDT, 264psi, 1.82 MPa	ASTM D-648 96°C (203°F)
CTE, -30°C to 30°C	ASTM D-696 7 x 10 ⁻⁵ mm/(mm.°C) (4 x 10 ⁻⁵ in/(in.°F))
Continuous Service Temperature	77°C (170°F)
Max temperature, Short Term	95°C (202°F)
Degradation Temperature	>275°C (>530°F)

Test Method	Result
FIRE BEHAVIOUR	
Flame Spread Index	ASTM E84 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

ZENOLITE® LE CHEMICAL RESISTANCE

Kerosene	No Effect	Shampoo – Pantene®	No Effect
Mineral Turpentine	No Effect	Mouthwash – Listerine®	No Effect
Hot Sodium Hydroxide Solution	No Effect	Toothpaste – Macleans®	No Effect
General Cleaner – Easy-Off BAM®	No Effect	10% Citric Acid	No Effect
General Cleaner – Spray n' Wipe®	No Effect	Hot Tomato Sauce	No Effect
General Cleaner – Cloudy Ammonia	No Effect	Lemon Juice	No Effect
Bleach – White King®	No Effect	Hot Coffee	No Effect
Bleach – Domestos®	No Effect	Vinegar	No Effect
Glass Cleaner – Windex®	No Effect	Cleaning Cream – Jif	Mild Effect
Fragrance Spray – Air Wick®	No Effect	Isopropyl Alcohol	Severe Damage
Shower Gel – Health Basics®	No Effect	Acetone	Severe Damage

* As tested by Bodycote – Report 08-002-719.

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