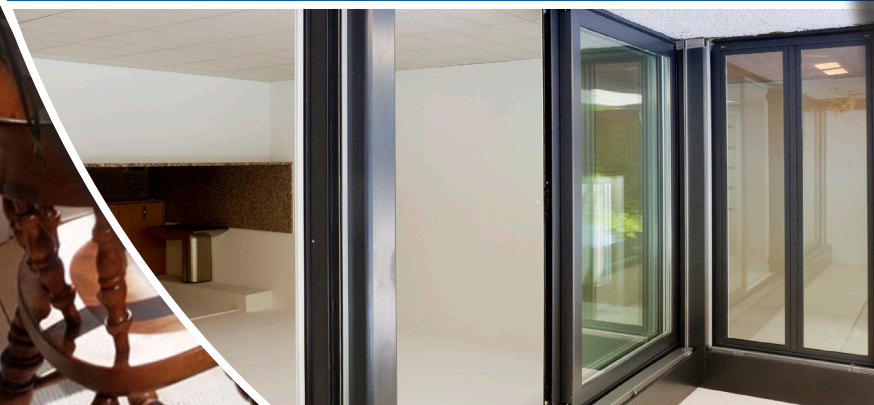
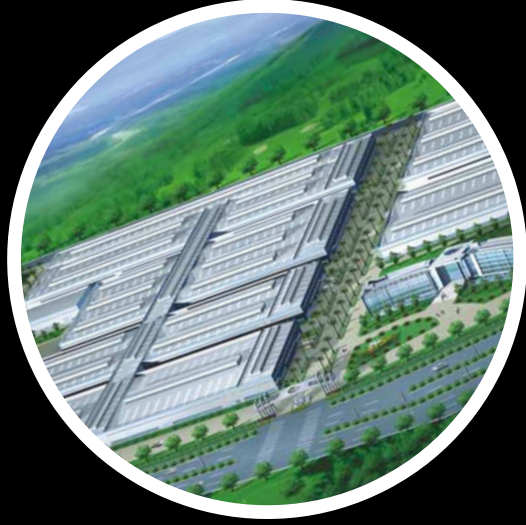




Aluminium Windows & Doors
www.gemwindowsanddoors.com.au





Company Profile

GEM Windows & Doors is an Australian based supplier of a wide range of aluminium windows and doors for both personal and commercial needs. We have partnered with the most reliable and quality driven manufacturers in Asia to provide an alternative and a more cost effective option to the Australian market.

Our manufacturers specialise in design, research and end to end production of aluminium windows and doors. With close to 400 employees of management, operations and technical teams our advanced production facilities our manufacturers pride themselves on owning advanced lines and technologies introduced from countries like Japan, Italy, Germany and Switzerland.

Our manufacturers have completed projects all over the globe including China, Arab Emirates, Germany, France and Australia. GEM aluminium windows and doors are manufactured to the Australian standard according to the testing results to ensure compliance and quality assurance.

3 Reasons to use GEM Windows & Doors:

- Competitive Price
- Superior Quality
- State of the Art Technology

Production

Production facilities of our manufacturers include billet casting, extrusion and fabrication. Their products are divided into 6 main categories – powder coated, electrophoretic, anodised, fluoro-carbon coated, wood like finish and thermal break assembly. There are over 500 series and more than 10,000 types of architectural, decorative and engineering profiles.

With their state of the art facilities our manufacturers have received various awards and honours including Product Exemption from Quality Surveillance Inspection Status for Quality Supervision and Inspection and Quarantine, ISO 9001 Quality Management System, ISO 14001 Environment Management System amongst many other nationally and internationally recognised awards and certificates.



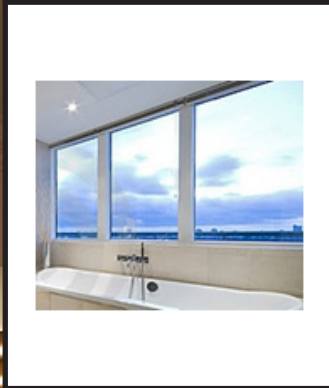
**We Beat any
quote for the
same quality
product -
Guaranteed!**





Aluminium Arch Windows

This type of window is a classic and timeless design that comes in various forms and looks great in combination with other styles of windows like for example, casement and awning. Sometimes also referred to as curved windows, they are an architectural statement and serve a double purpose by also allowing for more height and more light.



Aluminium Fixed Windows

This is the most basic window design and is perfect for maximising views and adding more structure or enhancing a design. Fixed windows can be used on their own or in combination with other aluminium window and door designs.



Aluminium Awning Windows

One of the most popular designs on the Australian market, awning windows provide ample ventilation and allow for maximum penetration of natural light, while allowing for windows to remain partially open even during bad weather.



Aluminium Sliding Windows

The low maintenance and versatility of this design makes it one of the most popular choices in the Australian market. It is classic, simple and suitable for most architectural designs. Great solution where space is restricted as the windows simply slide from side to side.



Aluminium Casement Windows

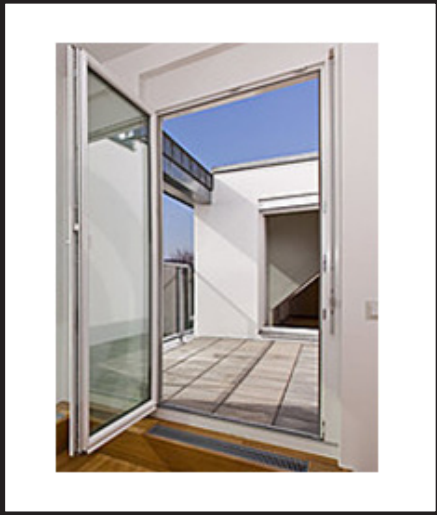
An elegant and practical design that allows for maximum opening. This window is traditional yet versatile. This design looks great in single or double sided or in combination with our aluminium doors.



Aluminium Double Hung Windows

Two vertically sliding window panels provide various ventilation options. This design is most suitable in bathrooms or kitchens.

Double glass for the price of single glass - GUARANTEED!



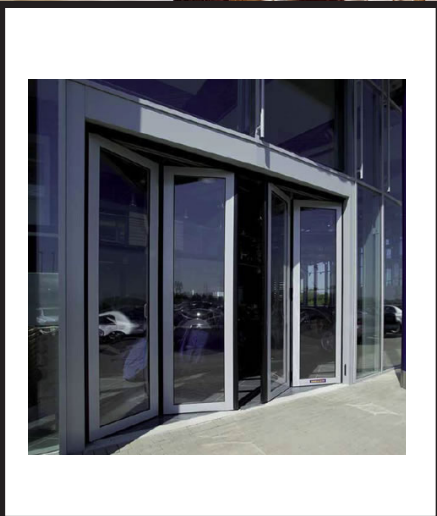
Aluminium Casement Doors

This classical design allows for easy access. It is functional and is most suitable for creating an entry to the outdoor entertaining area.



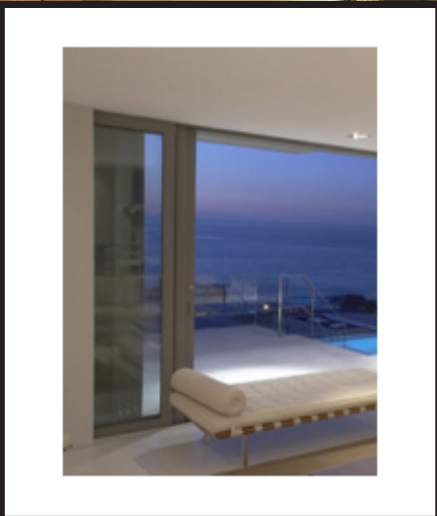
Aluminium Sliding Doors

Just like sliding windows, aluminium sliding doors are one of the most popular and versatile designs that is suitable for any home. The slim line sliding design saves space and provides the option of linking inside with the outside.



Aluminium Folding Doors

Aluminium folding doors provide the best opportunity to link your indoors with the outdoors. Quality and reliable design are crucial in folding doors, and we provide one of the best in both aspects.



Aluminium Stacking Doors

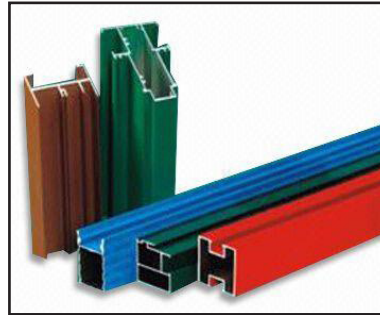
This design is contemporary and modern and provides a wider opening to connect indoors with the outdoors. The design allows for ample space as the panels neatly stack one into another.

Product Description

Powder Coated Aluminium Series

Product Features:

- Uniform colour
- Coating hardness and strong adhesion
- High corrosion, weather, heat, alkali and impact resistance
- Wide range of colours



Specifications:

Item	Technology Value
Gloss Level	±5Gloss Unit (3-30) ±7 (31-70), ± (71-100)
Chromatic Aberration	$\Delta E_{ab}^* \leq 1.5$
Thickness of Coating	Minimum thickness of coating Film for decorative surface $\geq 40\mu\text{m}$
Surface hardness	≥ 80
Adhesion	0
Hydrochloric Acid	Without any evidence for air bubble or other visible change after testing the hydrochloric acid

Thermal-Break Aluminium Series

Product Features:

- Excellent heat insulation and effective sound proofing (up to 30db)
- Stronger than UPVC structures, provides for greater security
- Air tight: joints and gaps sealed with multiple felt or rubber strips, achieving 50% energy saving
- Water tight: well designed rain protection

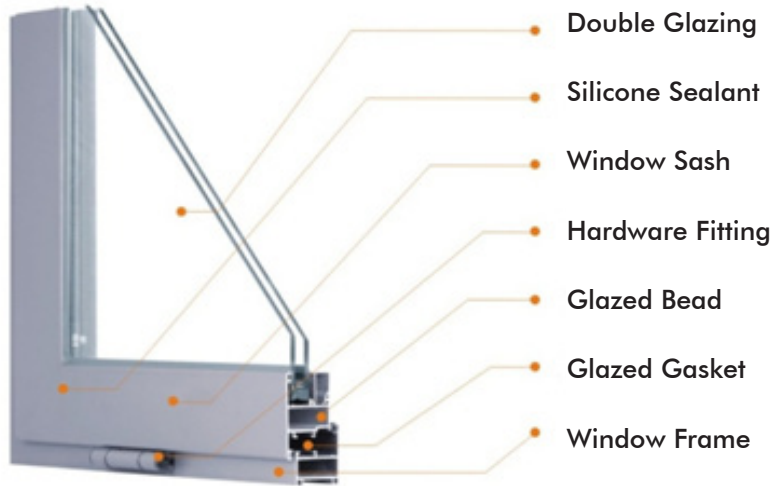


Specifications:

Item	Vertical Shear Value (Room/Low/High Temp)	Horizontal Tensile Value (Room/Low/High Temp)	Avg Insulation Material Deformation Value
Vertical Sheer Test	$\geq 24 / \geq 24 / \geq 24$	- / - / -	-
Horizontal Sheer Test	$\geq 24 / \geq 24 / \geq 24$	$\geq 24 / \geq 24 / \geq 12$	-
Persistent High Temperature Stress Test	- / - / - / -	$\geq 24 / \geq 24$	≥ 0.6
Thermal Cycle Test	$\geq 24 / - / -$	- / - / -	≥ 0.6

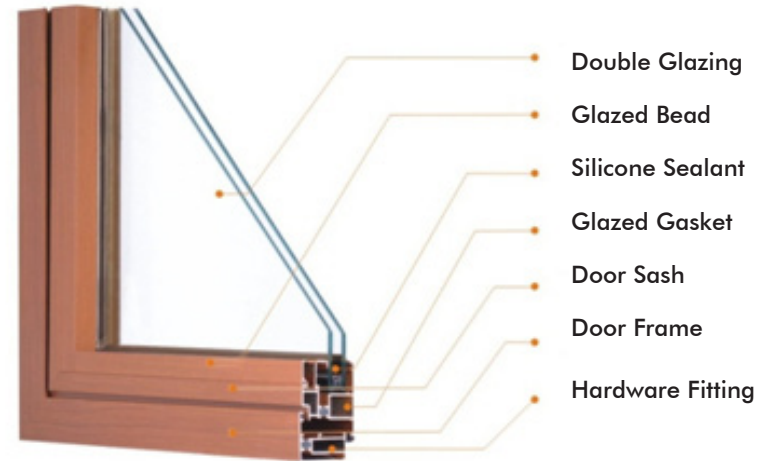
Product Sections

Standard Window



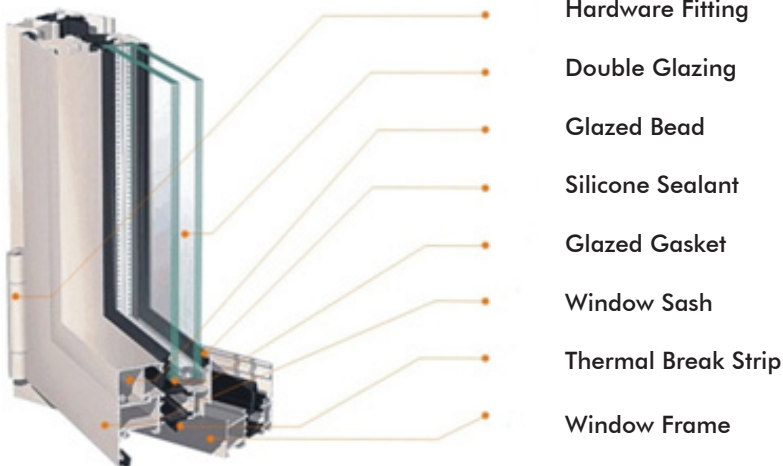
- Double Glazing
- Silicone Sealant
- Window Sash
- Hardware Fitting
- Glazed Bead
- Glazed Gasket
- Window Frame

Standard Door



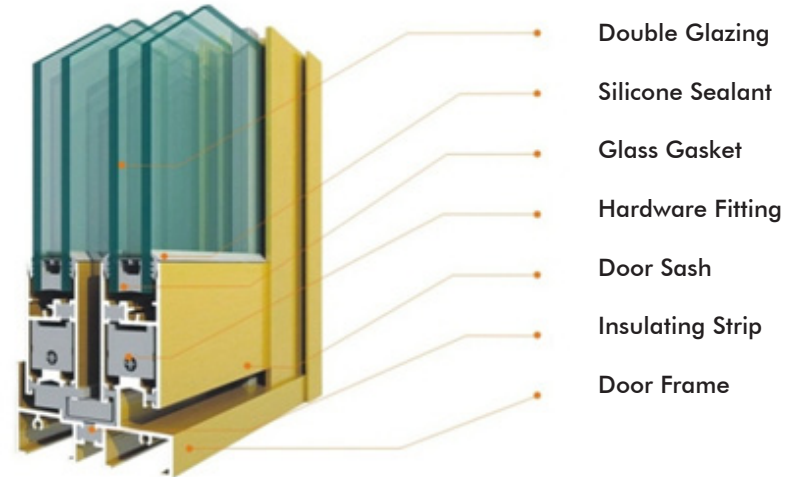
- Double Glazing
- Glazed Bead
- Silicone Sealant
- Glazed Gasket
- Door Sash
- Door Frame
- Hardware Fitting

Energy Efficient Window



- Hardware Fitting
- Double Glazing
- Glazed Bead
- Silicone Sealant
- Glazed Gasket
- Window Sash
- Thermal Break Strip
- Window Frame

Energy Efficient Door



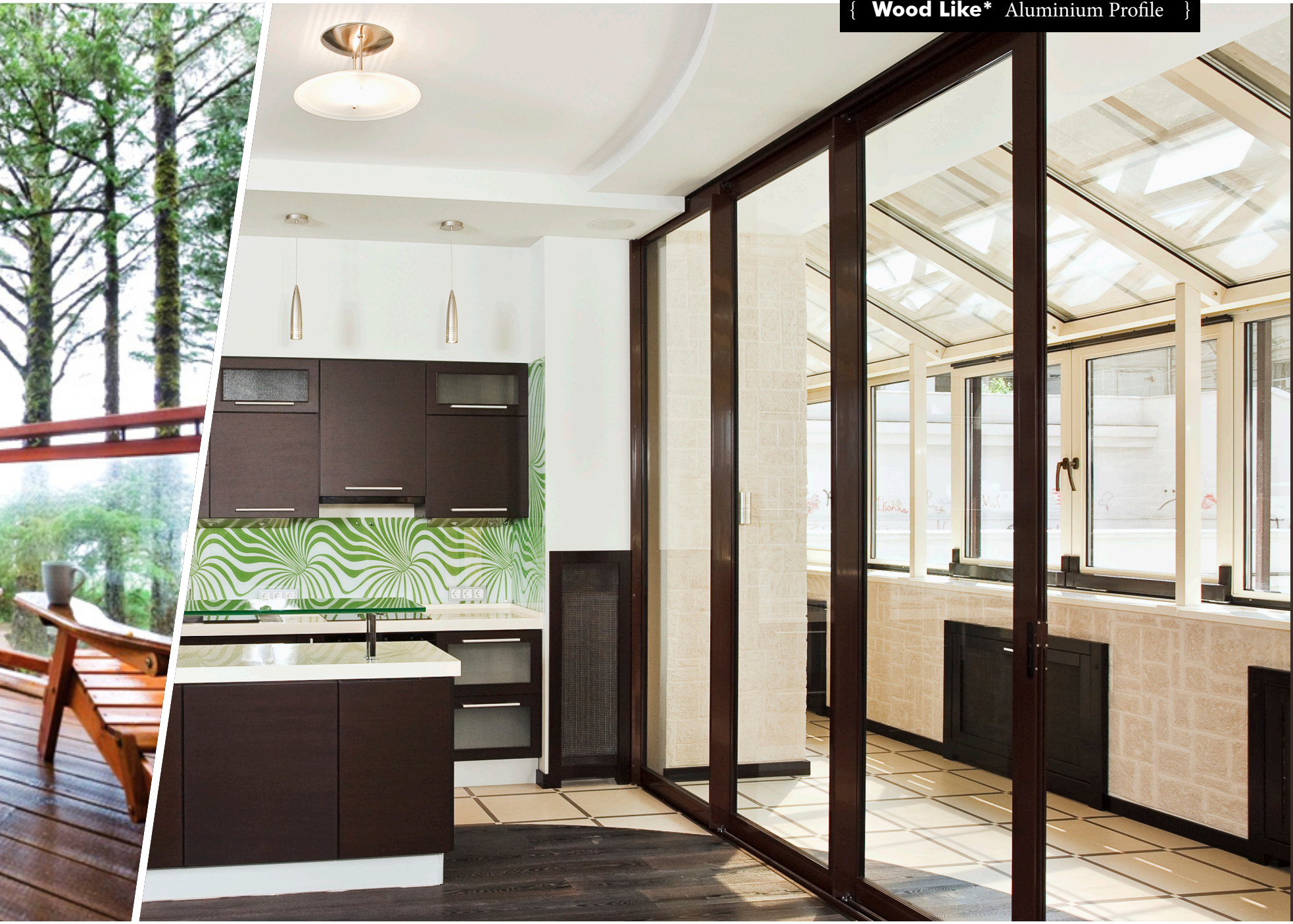
- Double Glazing
- Silicone Sealant
- Glass Gasket
- Hardware Fitting
- Door Sash
- Insulating Strip
- Door Frame

Wood-like Aluminium Profile

- Smooth surface appearance
- High hardness of coating and impact resistance
- High corrosion, weather, heat and alkali resistance
- New generation decorative material which produces a natural appearance



{ Wood Like* Aluminium Profile }



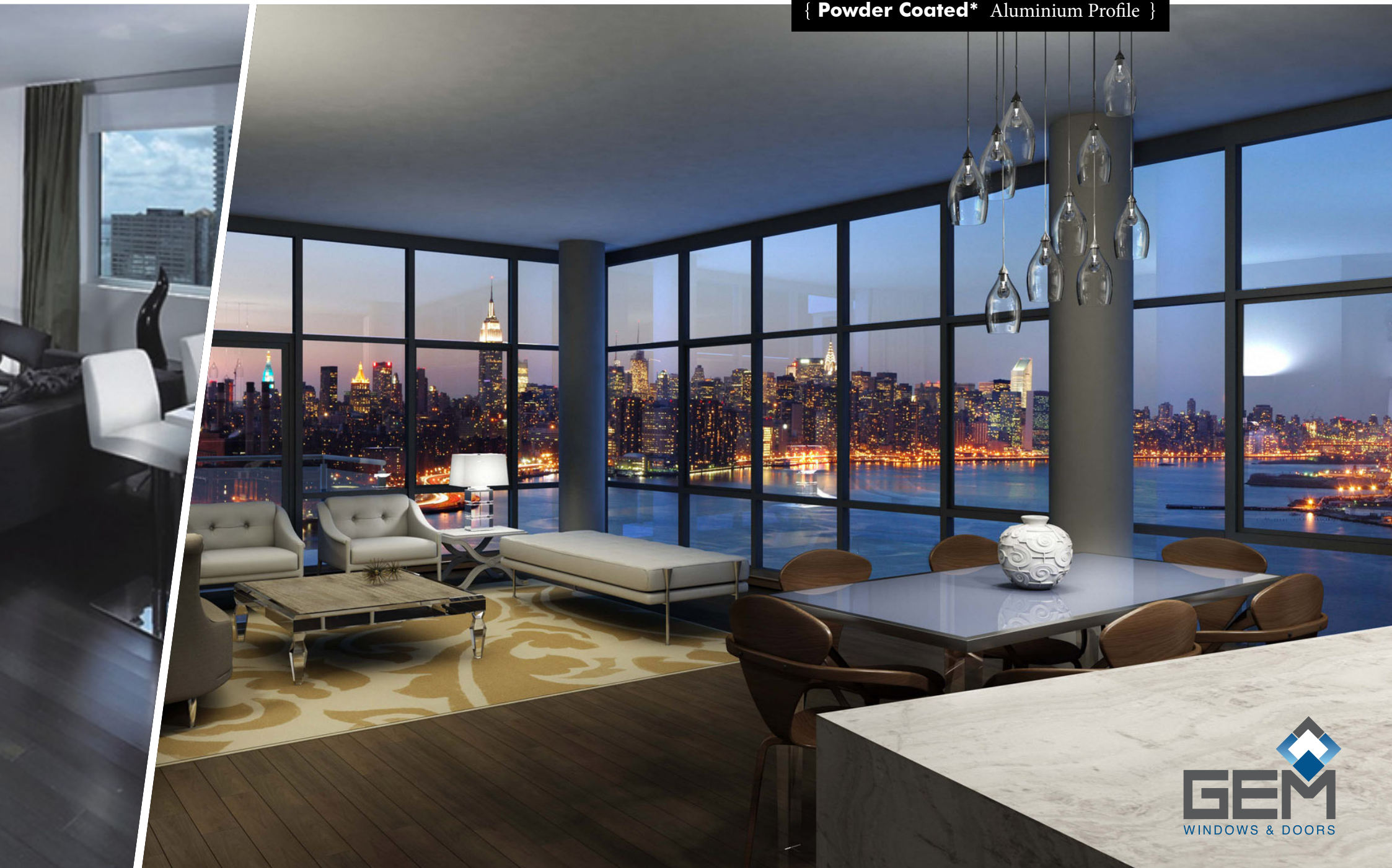
GEM Windows & Doors

Powder Coated Aluminium Profile

- Powder Coated Aluminium Profile
- Uniform colour
- High hardness of coating and strong adhesion
- High corrosion, weather, heat, alkali and impact resistance
- Wide range of colours



{ Powder Coated* Aluminium Profile }

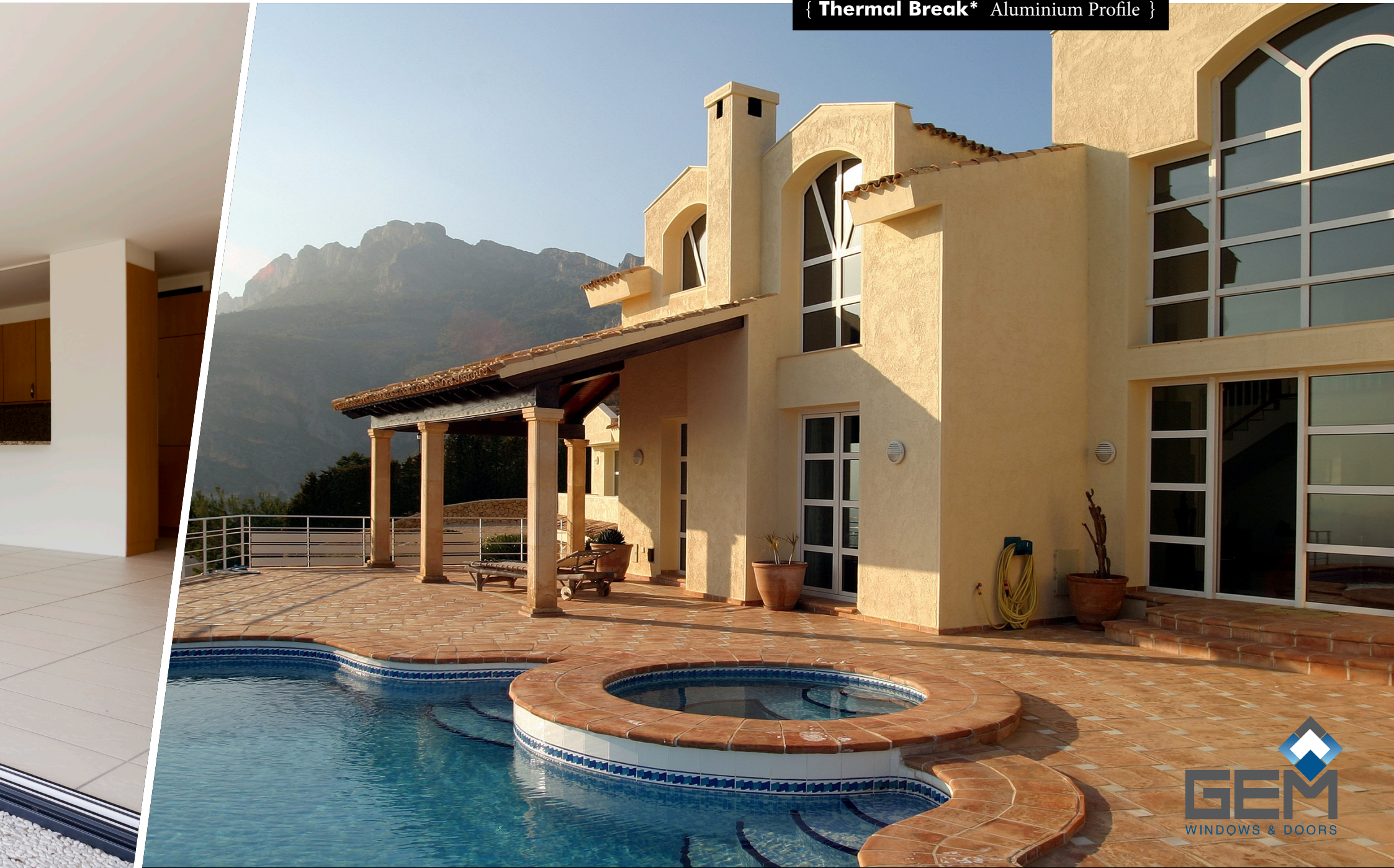


Thermal Break Aluminium Profile

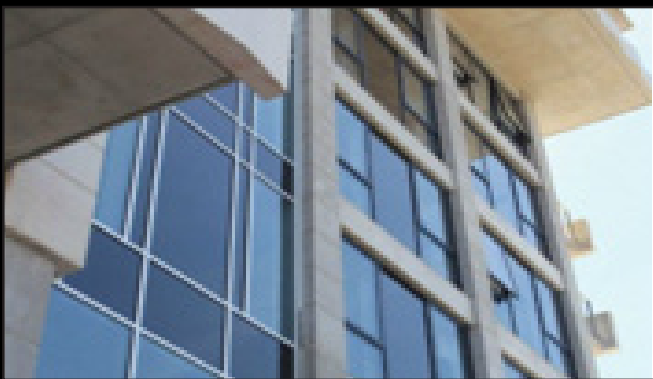
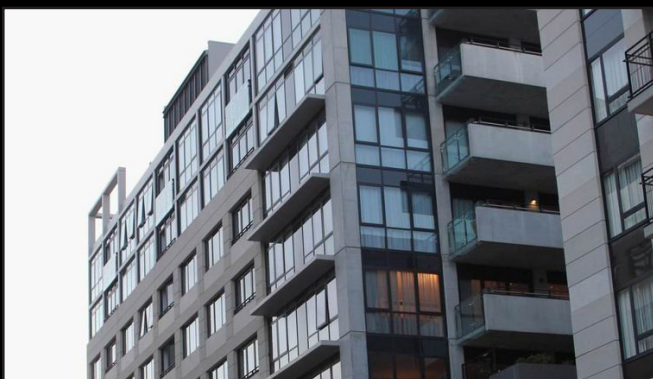
Adopting the latest insulation design and fabrication technologies from Italy, these profile series comply with the National CQC energy saving requirements for window, door and curtain wall products. All systems meet both structure and insulation requirements. The thermal-break profiles provide excellent insulation that works well in extreme climatic conditions. Well designed for effective soundproofing up to 30db and possesses first class air-tight qualities allowing to achieve 50% energy saving.



{ Thermal Break* Aluminium Profile }



Commercial Projects: Australia



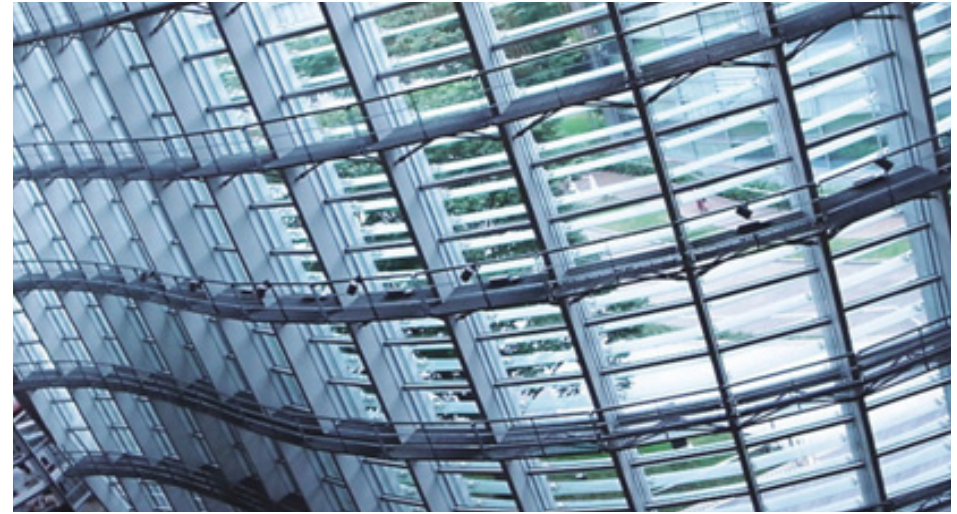
Special offer: Cash rebates
for referred projects*
(* Conditions based on project size)

Curtain Wall

Concealed Curtain Wall Series



Unitised Curtain Wall Series



Exposed and Semi-Exposed Framing Curtain Wall



Performance
with
Class

Aluminium Windows & Doors



Sydney Showroom

Shop 1, 654 Botany Road, ALEXANDRIA NSW 2015

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www.gemwindowsanddoors.com.au