

## Security Solutions

Additional protection

Enhanced durability & resistance

Interior & exterior use

## Security Solutions

Whether it's a house window, a high street shopfront or a correctional facility, Viridian Glass has a solution that delivers peace of mind and security with the benefits of daylight and transparency that only glass can bring.

Comprised of multiple layers of glass combined with a special interlayer used for its durability and resistance to attack, our security products can be configured to include solar and thermal control and one-way vision, giving you greater options to ensure the protection of the people and products you care about.









# Observa™

Observa™ is a high quality one-way vision mirror, suitable for discreet monitoring in medical or security observation rooms. With the appearance of a mirror on one side and a clear view on the other, Observa™ gives privacy to those observing, with the added benefit of light flow from the subject area.



Bronze

## Discreet security.

With a specifically designed system of reflectivity and light absorption, Observa™ secures the privacy of observers. To achieve optimum privacy, a light ratio of 1:8 is recommended, where the subject side is brightly illuminated and the observer side is dimly lit.

Bright lighting sources should be avoided in the observer's area and spotlights directed away from the Observa™ surface on the subject side, while dark furnishing and clothing are recommended for the observation area. For external applications and natural lighting situations when variable lighting conditions exist, the performance of Observa™ can be affected.



*The images shown are a representation only of the product. Colour and effect may differ. Always refer to a sample to determine if product is appropriate for your requirements.*

## IntruderGuard™

IntruderGuard™ is specifically developed to offer a resilient and enduring barrier for vulnerable entry points in residential applications, such as door panels and sidelights, or low level windows which are potential targets for break-ins.



Clear

Improved security  
for your family.

With a bonded interlayer between two pieces of glass, IntruderGuard™ looks like normal glass yet provides a barrier that is much harder to break through than standard float glass.

IntruderGuard™ has the added benefit of absorbing 99% of UV radiation and reducing noise penetration, making it a comprehensive solution for your family home.





# AssaultGuard™ & AssaultGuard™ Ultra

AssaultGuard™ glass is an effective barrier to forced entry while providing transparency and clarity. AssaultGuard™ is suitable for commercial applications susceptible to break-ins, such as shopfronts, windows, pay booths and display counters, as well as partitions in government and financial facilities.

AssaultGuard™ Ultra is a premium glass developed for use in facilities such as police stations, juvenile justice, mental health facilities and art galleries, where increased security measures are required.

An extra layer of safety.

## AssaultGuard™

AssaultGuard™ incorporates an interlayer four times the thickness of those manufactured in standard laminates, that will retain its integrity even if the glass breaks. AssaultGuard™ is designed to resist attack from a variety of hand tools used for forced entry, such as hammers, crowbars and wood splitters.

## AssaultGuard™ Ultra

AssaultGuard™ Ultra is composed of thermally toughened glass and a specialised interlayer that demonstrates a strong resilience to concentrated attacks.

AssaultGuard™

AssaultGuard™ Ultra



Clear



Clear



SuperClear



Grey



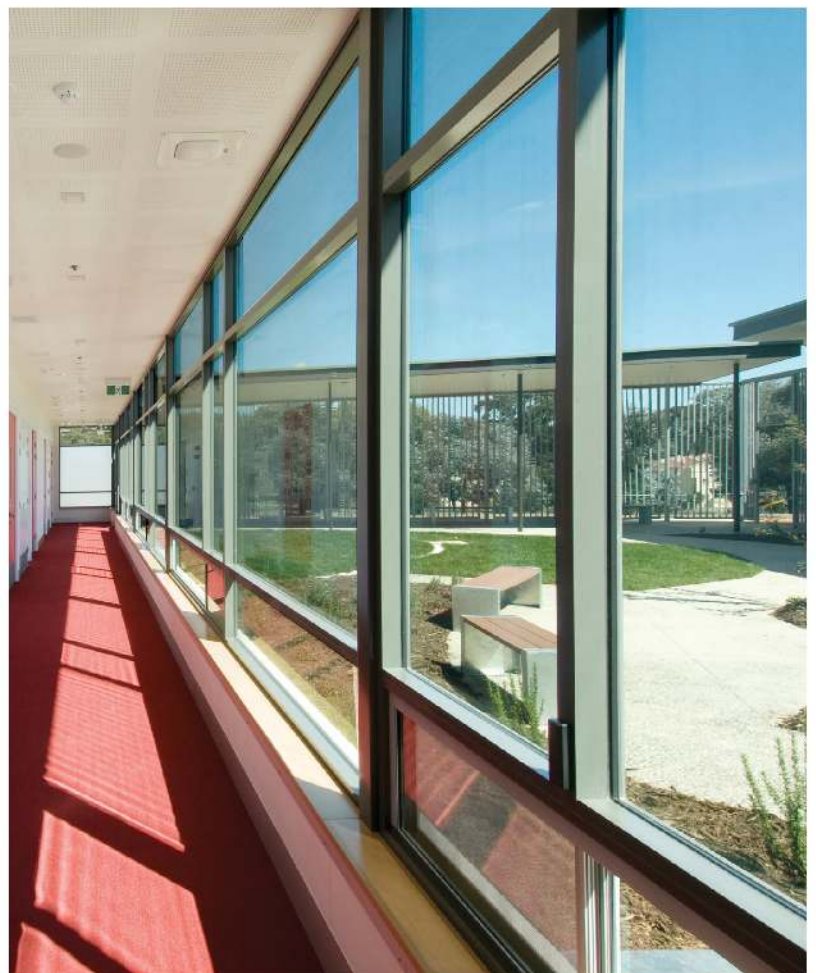
Green



Blue



Bronze



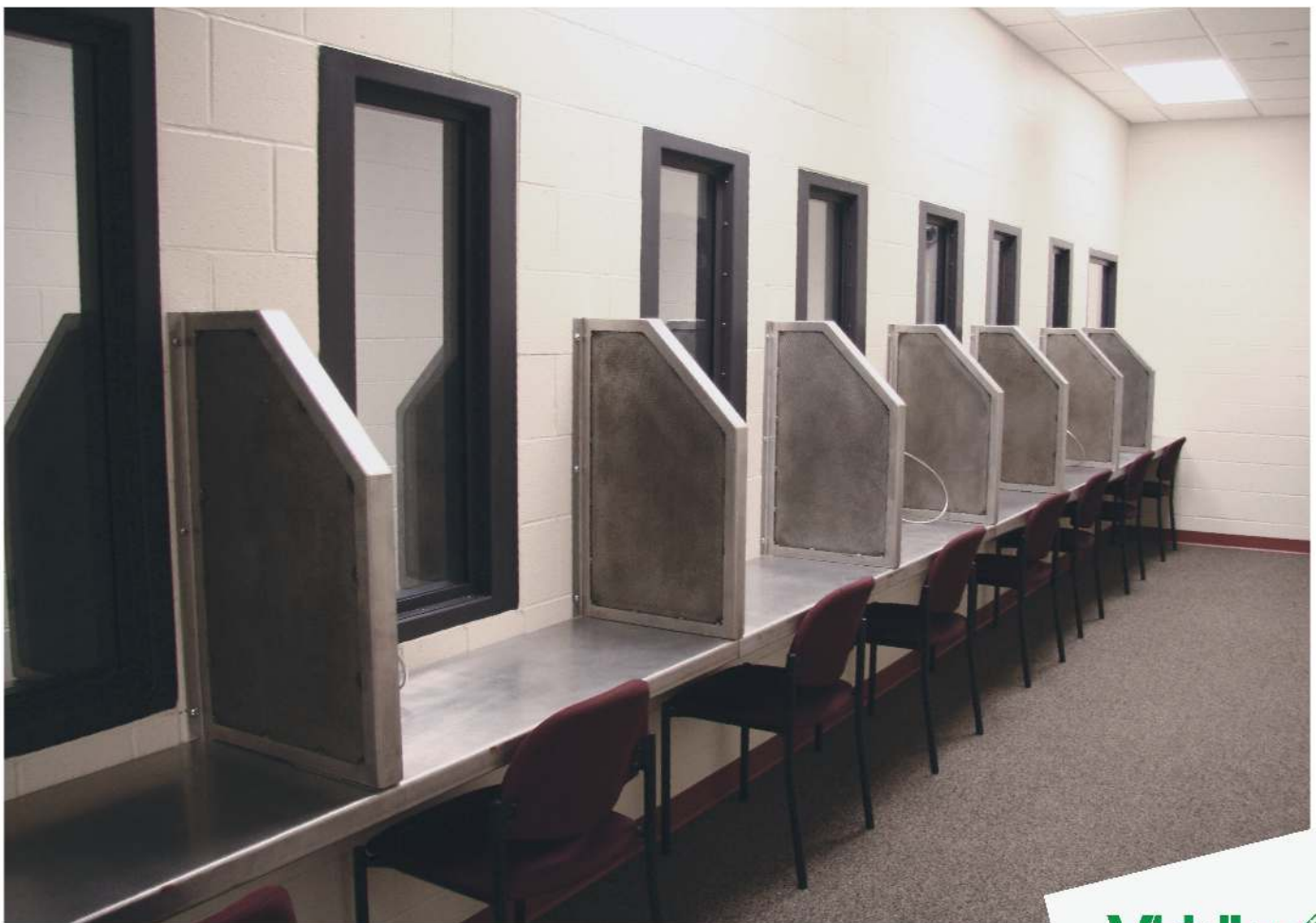
# JailGuard™

JailGuard™ is a specialised security glass for use in high-risk correctional facilities such as police stations, remand centres, juvenile justice facilities and jails, where stringent security measures are required.

Maximum security meets maximum safety.

JailGuard™ products are manufactured using a variety of glass types and thicknesses combined with a security interlayer to achieve maximum safety.

Simulated attack conditions using axes, wood splitters, crowbars and other hand tools have shown JailGuard™ products capable of resisting penetration for extended periods, giving you peace of mind that people and products will remain safe and secure.





## For more information.

For additional product details or information regarding specifying and ordering, please contact your local Viridian Glass representative.

Visit our website  
[www.viridianglass.co.nz](http://www.viridianglass.co.nz)  
or call 0800 847 434

## Features.

### APPLICATIONS

#### Internal

- Customer Service Screens
- Doors
- Partitions

#### External

- Doors
- Facade
- Windows

### THICKNESS & MAXIMUM SIZE

RANGE	THICKNESS(MM)	MAXIMUM SIZE(MM)
<b>Observe™</b>	8.76	3660 x 2440
<b>IntruderGuard™</b>	7.52	3660 x 2440
<b>AssaultGuard™</b>	11.52	3660 x 2440
<b>AssaultGuard™</b>	10	2440 x 1220
<b>Ultra*</b>	12	2440 x 1220
*Size subject to glass type	14	3650 x 2130
<b>JailGuard™</b>	17	3660 x 2134
	22	2440 x 1220
	22	3660 x 2134

### COLOUR & PERFORMANCE

#### Observe™

Bronze: NZS4223, AS/NZS2208

#### IntruderGuard™

Clear: NZS4223, AS/NZS2208

#### AssaultGuard™

Clear: NZS4223, AS/NZS2208

#### AssaultGuard™ Ultra

Clear, SuperClear, Grey,

Green, Blue, Bronze:

NZS4223, AS/NZS2208

#### JailGuard™

Clear, SuperClear, Grey,

Green, Blue, Bronze:

JailGuard™ 10: NZS4223, AS/NZS2208,

AS3555.1 – Level 2:10 minutes

JailGuard™ 20: NZS4223, AS/NZS2208,

AS3555.1 – Level 2:20 minutes

JailGuard™ 30: NZS4223, AS/NZS2208,

AS3555.1 – Level 2:30 minutes

- AS3555.1 ratings are based on independent testing on the glass only. Security window designers are advised to test their complete window system.
- Tools used in attacks were chisels, punches, wedges, screwdrivers, pliers, bolt cutters, hammers, axes, sledges, pry bars and ripping tools, none of which exceeded 1.5m in length, nor 3.6kg in mass.
- Products in the Security range are laminated Grade A Safety Glass (AS/NZS2208)

### WARRANTY

For warranty information please visit our website [www.viridianglass.co.nz](http://www.viridianglass.co.nz)