



SECURITY

JailGuard™

Specialist security laminate

JailGuard™ is a specialist security laminate for use in correctional facilities such as police stations, jails and remand centres.

Manufactured using a variety of glass types and thicknesses combined with high end security interlayers, JailGuard™ is tough enough to meet the standards of correctional facilities.

JailGuard™ is designed to resist attacks from typical hand tools that might be found within correctional facilities such as brooms, mop buckets, billiard balls and hammers.

Simulated attack conditions using axes, wood splitters, crowbars and other hand tools have shown products within the

JailGuard™ range capable of resisting invasion with repeated blows for up to 30 minutes.

Features and Benefits

- JailGuard™ is independently tested.
- JailGuard™ can be incorporated in an insulated glass unit with different glass types from across our product range to provide additional benefits such as privacy, security, noise reduction and energy efficiency.
- Simulated attack conditions have shown JailGuard™ products capable of resisting penetration for extended periods.
- JailGuard™ can incorporate low spill films if required.



Considerations Standards

- Conforms to AS/NZS 2208 for Safety Glazing Material.

Sectors

- Commercial
- Mental Health Facilities
- Correctional Facilities
- Police Stations

Applications

- Windows
- Doors
- Facades
- Lock-up Areas
- Security Screens



How to Specify

- **Select glass processor**
Viridian Glass
- **Select glass name**
JailGuard™
- **Select tone & thickness**
See chart below.
- **Select processes**
Laminated or insulated glazed units.

Standard Stock Sizes

Product Name	Thickness	Stock Size
JailGuard™ 10 Clear	18mm	3660mm x 2134mm
JailGuard™ 20 Clear	23mm	3660mm x 2134mm
JailGuard™ 30 Clear	23mm	3660mm x 2134mm

Note: Subject to further processing requirements. Standard stock sizes do not reflect actual available stock, please consult Viridian.

Performance Data

Product Name	Nominal Thickness (mm)	VLt (%)	U Value	SHGC	Selectivity
JailGuard™ 10	18	79	4.70	0.65	1.22
JailGuard™ 20	23	86	5.30	0.74	1.16
JailGuard™ 30	23	79	4.70	0.65	1.22
JailGuard™ 10 E Clear	18	75	3.10	0.60	1.26
JailGuard™ 20 E Clear	23	72	3.10	0.55	1.31
JailGuard™ 30 E Clear	23	72	3.00	0.56	1.28
JailGuard™ 10 E Neutral	18	58	3.20	0.49	1.19
JailGuard™ 20 E Neutral	23	56	3.10	0.46	1.22
JailGuard™ 30 E Neutral	23	56	3.00	0.47	1.19

Note: All performance data is determined using LBL window 7 software. NFRC 100 - 2010 conditions have been used. Glass surfaces are counted from the exterior to the interior of the building. Refer to Viridian Performance Data for more values.

JailGuard™ is a trademark of Viridian Glass Pty Ltd.