



Security

AssaultGuard Ultra™



Creative design solutions for advanced security barriers

Viridian **AssaultGuard Ultra™** is a speciality glass primarily developed for use in facilities such as police stations, juvenile justice and mental health facilities. Products within the AssaultGuard Ultra™ range are designed to withstand a variety of attacks.

This product is a composition of thermally toughened glass (VTough™) and a specialised interlayer. It has demonstrated a strong resilience to concentrated attacks.

Viridian **JailGuard™** can be used if maximum security is required (refer to page 109).

AssaultGuard Ultra™ products are manufactured using a variety of glass types and thicknesses combined with specialised security interlayers. (Spall films can be applied post installation to non-Low E coated glass products).

Additionally, if stringent energy efficiency requirements are specified, Viridian AssaultGuard Ultra™ can be supplied in a range of toned and Low E combinations or combined with our **ThermoTech™** Insulated Glass Unit (IGU) range.

Viridian **AssaultGuard Ultra™ 10 – Minimum Security Glass**

AssaultGuard Ultra™ 10 is the base product in the range and ideal for use in low to medium risk facilities, such as observation or holding cells, police station detention areas, mental health institutes, banks, high-risk display cases (museums, art galleries, etc) and pay offices.

Viridian **AssaultGuard Ultra™ 12 – Medium Security Glass**

AssaultGuard Ultra™ 12 is the mid-range product in the range.

It is typically used in medium to high risk areas in facilities as well as juvenile justice centres, remand centres, high risk police detention areas and mental health facilities.

Viridian **AssaultGuard Ultra™ 14 – Premium Security Glass**

AssaultGuard Ultra™ 14 is the highest performing product in the range.

It is specifically designed for applications requiring client observation where excellent integrity of product is required. This maximum security glass is typically used in maximum risk areas in facilities such as juvenile justice centres, remand centres and acute or forensic mental health facilities.



Project: Canberra Hospital Adult Mental Health Facility. Photographer: Brian Steele.



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Viridian AssaultGuard Ultra applications

- ◆ Observation or holding cells
- ◆ Police station detention areas
- ◆ Mental Health facilities
- ◆ Banks
- ◆ High-risk display cases (museums, art galleries, etc)

How to specify

- ◆ **Select coated or uncoated**
- ◆ **Select thickness – process**
Toughened/Laminate
Nonimate the level of security to determine thickness
- ◆ **Select colour**
If required

Product range		Clear	Neutral	Green	Super Green	Grey	Maximum Size
Non Coated Range	AssaultGuard Ultra™ 10	◆		◆	◆	◆	2440 x 1220
	AssaultGuard Ultra™ 12	◆		◆	◆	◆	2440 x 1220
	AssaultGuard Ultra™ 14	◆		◆	◆	◆	3650 x 2130
Low E Coated Range	AssaultGuard Ultra™ 10 Low E	◆	◆	◆	◆	◆	2000 x 1000
	AssaultGuard Ultra™ 12 Low E	◆	◆	◆	◆	◆	2440 x 1220
	AssaultGuard Ultra™ 14 Low E	◆	◆	◆	◆	◆	3500 x 2130

Features and benefits

- ◆ Conforms to AS/NZ2208 for safety glazing material.
- ◆ May be specified in a range of single and double glazed configurations.
- ◆ Can be used for both internal and external applications.
- ◆ Internal testing coupled with market recognition indicates prolonged impact resistance in non-rated security applications where design considerations may prevent the use of ordinary glass.
- ◆ Now part of a standard product range, making it easier to specify and purchase.
- ◆ Blocks 99% of unwanted UV (Ultra Violet) light.



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