



SECURITY

AssaultGuard™

Commercial security laminated glass

AssaultGuard™ is a specialised laminated glass that has an interlayer that is four times thicker compared to standard laminates. Specifically developed to offer a resilient and enduring barrier against intruder entry.

AssaultGuard™ aesthetically looks like normal glass but provides a barrier to forced entry that is 20 times harder to break through than standard float glass.

Typically used in commercial applications with vulnerable entry points, AssaultGuard™ is ideal for shopfronts and other at risk applications such as pay booths, display counters showcasing jewellery and other valuable products, and is designed to resist attacks from a variety of common hand tools and physical forced entry.

When higher levels of security are required consider AssaultGuard™ Ultra.

Features and Benefits

- Resists penetration and forced entry.
- Withstands repeated blows from heavy objects such as bricks or hammers.
- Reduces UV radiation by 99% reducing fading up to 8.5 times over normal glass.
- Reduces unwanted noise compared to standard glass.
- AssaultGuard™ can be incorporated in an insulated glass unit with different glass products for added benefits.
- Consider incorporating VFloat™ SuperClear to enhance the high light transmission often required in retail applications.
- AssaultGuard™ is a laminated Grade A safety glass.



Considerations

Installation

- AssaultGuard™ should be incorporated with window frames and locks of sufficient strength.



Sectors

- Commercial

Applications

- Shopfronts
- Pay Booths
- Display Cases

How to Specify

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

Standard Stock Sizes

Product Name	Thickness	Stock Size
AssaultGuard™	Special Order	3660mm x 2440mm

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
AssaultGuard™ Clear	9.52	87	5.50	0.77	1.13
AssaultGuard™ Clear	11.52	86	5.50	0.73	1.18
AssaultGuard™ Clear	13.52	84	5.40	0.72	1.17

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.

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