IntruderGuard™

Residential security laminated glass

IntruderGuard™ 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.

IntruderGuard™ 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 residential applications with vulnerable entry points, IntruderGuard™ is ideal for providing extra resistance to invasion as it is designed to resist attacks from a variety of common hand tools and physical forced entry.
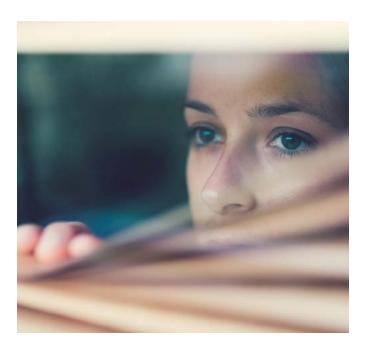
Features and Benefits

- 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.
- IntruderGuard™ 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.
- Consider incorporating VFloat™ SuperClear to enhance the high light transmission often required in retail applications.
- IntruderGuard™ is a laminated Grade A safety glass.

Considerations
Installation
- IntruderGuard™ should be incorporated with window frames and locks of sufficient strength.

Sectors
- Residential
- Commercial - Low-rise

Applications
- Windows
- Doors
- Facades
- Display Cases

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

Standard Stock Sizes

Product Name	Thickness	Stock Size
IntruderGuard™	7.52mm	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
IntruderGuard™ Clear	7.52	86	5.60	0.77	1.12
IntruderGuard™ Grey	7.52	42	5.60	0.60	0.70

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.