

IntruderLam™

IntruderLam™ is a laminated Grade A safety glass, available in 7.52mm, and provides extra resistance to penetration as its interlayer is four times thicker than normal laminated glass.

Features



Safety & Security

IntruderLam™ is specifically developed to offer a resilient and long-lasting barrier that resists penetration even upon breakage.



UV Protection

IntruderLam™ reduces the rate at which your furniture fades by absorbing 99% of UV radiation.



Enjoy Peace of Mind

IntruderLam™ is specifically developed to offer a resilient and enduring barrier for vulnerable entry points.

Product Range

Clear	
Available Thickness (mm)	7.52
Maximum Sheet Size (mm)	3660×2440

Applications

Internal

Doors, Shop Front, Partitions

External

Doors, Windows, Shop Front

Technical Data

Performance

Single Glazing

Product Name	Nominal Thickness	Visible			Solar		UV Trans.	U-Value		SHGC	Shading Co.	Weight m²
		Trans.	Refl. Out	Refl. In	Trans.	Refl.						
IntruderLam™ Clear	7.52	87	8	8	69	7	<1	5.6	0.77	0.88		16.6

Double Glazing

Product Name	Nominal Thickness	Visible			Solar		UV Trans.	U-Value		SHGC	Shading Co.	Weight m²
		Trans.	Refl. Out	Refl. In	Trans.	Refl.		Air	Argon			
IntruderLam™ Clear + EnergyTech™ Clear (#5)	7.52+12+6	71	17	16	48	12	<1	1.8	1.6	0.62	0.71	31.6
IntruderLam™ Clear + QFloat™ Clear	7.52+12+6	77	15	15	55	11	<1	2.6	2.5	0.65	0.75	31.6

Considerations

IGUs

IntruderLam should be incorporated with window frames and locks of sufficient strength.

Installation

Exposed edges should be protected from moisture ingress. To provide a barrier to forced entry IntruderLam must be installed into a full frame without openings.

Glass Processing

Further processing is required for frameless glazing.

How to Specify

Available colours and thicknesses:

Clear 7.52mm

Select from: Laminated or Heat Strengthened Laminated

If unsure, select in compliance with AS1288–2021 or manufacturers recommendation.

- The glass shall comply with the following performance criteria:
- U value
- Solar Heat Gain Coefficient (SHGC)
- Visible Light Transmission %

- Glass Only Values
 - Total window
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Heat Strengthening

All glass which requires extra strength and thermal resistance will be heat strengthened. Heat strengthening increases the strength of annealed glass; however, it is not a substitute for toughened glass.

In the event of fracturing heat strengthened glass will crack and tends to remain in glazed position.

All glass is to be selected and installed in accordance but not exclusively with the following Australian and/or New Zealand Standards

- AS 1288 Glass in Buildings Selection and Installation
- AS 1170 Minimum Wind Loads on Structures
- AS/NZ 2208 Safety Glazing Materials in Buildings
- AS/NZ 4666 Insulating Glass Units
- AS/NZ 4667 Quality Requirements for cut-to-size and Processed Glass

Oceania Glass makes and distributes glass. Oceania Glass does not process glass nor produce Insulated Glass Units. Processing of glass and production of Insulated Glass Units is undertaken by independent processors. Speak with your nominated glass processors to understand their processing capability.