

CHOOSE YOUR LEVEL OF PROTECTION

STAGE
WINDOWS & DOORS

STAGE STANDARD

TEMPERED GLASS

A standard safety glass option designed to break into small, less hazardous pieces on impact. Best suited for homeowners seeking reliable everyday performance.

- Heat-treated strength
- Safer break pattern
- Cost-effective safety option

ONE LAYER OF 3MM

STAGE SECUREPLUS

SECURITY GLASS

A multi-layered glass unit with an interlayer that helps hold the glass together when broken. Ideal for improved security, better sound control, and added protection.

- Interlayer holds fragments
- Delays forced entry
- Better sound control

PVB LAMINATE INTERLAYER

TWO LAYERS OF 3MM GLASS

STAGE SECUREPLUS

SHIELD GLASS

A high-security glazing solution built with multiple layers for advanced protection against severe impact and attack.

- Advanced impact resistance
- Multi-layer protection
- For high-risk homes

SINGLE LAYER OF 12MM UNBREAKABLE GLASS IN NANO SURFACE-TREATED



TEMPERED GLASS



STAGE SECUREPLUS

SECURITY GLASS



STAGE SECUREPLUS

SHIELD GLASS

Primary purpose	Safety glazing; stronger than annealed glass; safer break pattern	Safety + retained barrier after breakage + better security/acoustics	High forced-entry resistance - unbreakable.
How it breaks	Shatters into many small pieces	Cracks, but fragments adhere to interlayer and usually stay in place	Multi-layer system absorbs impact; may crack/spiderweb but designed to resist penetration
Burglary resistance	Weak once broken; generally easier to breach	Stronger; stays in frame longer and delays entry	Very strong - high protection against threats
Ballistic resistance	None	Usually none unless specially engineered/tested	Yes, when rated/tested to UL 752 or similar
Sound reduction	Basic / average	reduces traffic and outdoor noise with superior sound dampening.	Can be good due to mass/thickness, but not usually selected for acoustics first
UV blocking	Limited unless coated	Excellent- blocks up to 99% of harmful UV rays.	Often good, but depends on build-up/interlayers
Typical weight	Moderate	Similar to Triple pane	Very high
Thermal performance	Good when built into Low-E sealed IGU	Good when built into Low-E sealed IGU	Can be built as insulated security glazing, but assembly becomes heavy/expensive
Retrofit suitability	Excellent	Good to very good, depending on weight and frame system	Good to very good, depending on weight and frame system
Relative cost	\$\$	\$	\$\$\$\$\$
Best use cases	Bathrooms, doors, low-risk locations needing safety glazing	Ground-floor windows, sidelites, large glass near doors, security-conscious homes, noise-sensitive rooms	Panic rooms, executive residences, high-threat properties, specialized security projects
Main downside	Breaks out completely once compromised allowing easy entrance for intruder.	Heavier than tempered may have restricted use for some larger window openings	Weight and thickness limiting some larger sized openings.

STAGE
WINDOWS & DOORS

Stage Windows & Doors manufactures glass units in-house, giving you faster lead times, unbeatable value, and industry-leading protection across every product line – windows, patio and entry doors.

- Consistent quality
- Lower costs
- Reliable delivery times
- Exclusive dealer advantage

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