SECURED by DESIGN

Upgraded construction and **hardware**
for increased safety, protection
and peace-of-mind



Secured by Design

SBD

Official Police Security Initiative

SCI Windows



Antique Black | Black | Chrome | Gold | Graphite | White

Chartwell Green | Matt Chrome | Irish Oak | Cream RAL9001 | Cream RAL1015 | Rosewood

Caramel RAL8003 | Anthracite

HINGES

Certified and tested against attack from hammers, pry bars and shoulder-charging





LOCK MECHANISM AND KEEPS

5-hook, 4-roller mechanism (single) or 3-hook, 4-roller with additional shoot-bolts (double doors)





LOCK CYLINDER

ATK 3-STAR* rated cylinder or AVOCET 1-STAR rated cylinder**

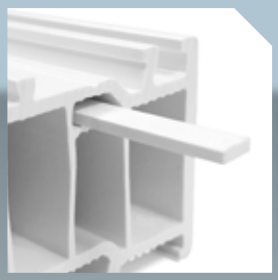


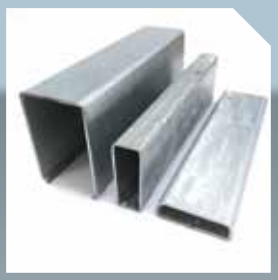
Antique Black | Black | Chrome

Gold | Graphite | White

DOOR HANDLE

Security handles are distinguished by a circular hole which shields the euro-cylinder behind.





SCREW RETENTION

Jamb reinforcement using PVCu flat-bar screw retainer

REINFORCEMENT

Steel reinforcement for vertical jambs and stiles in frame and sash



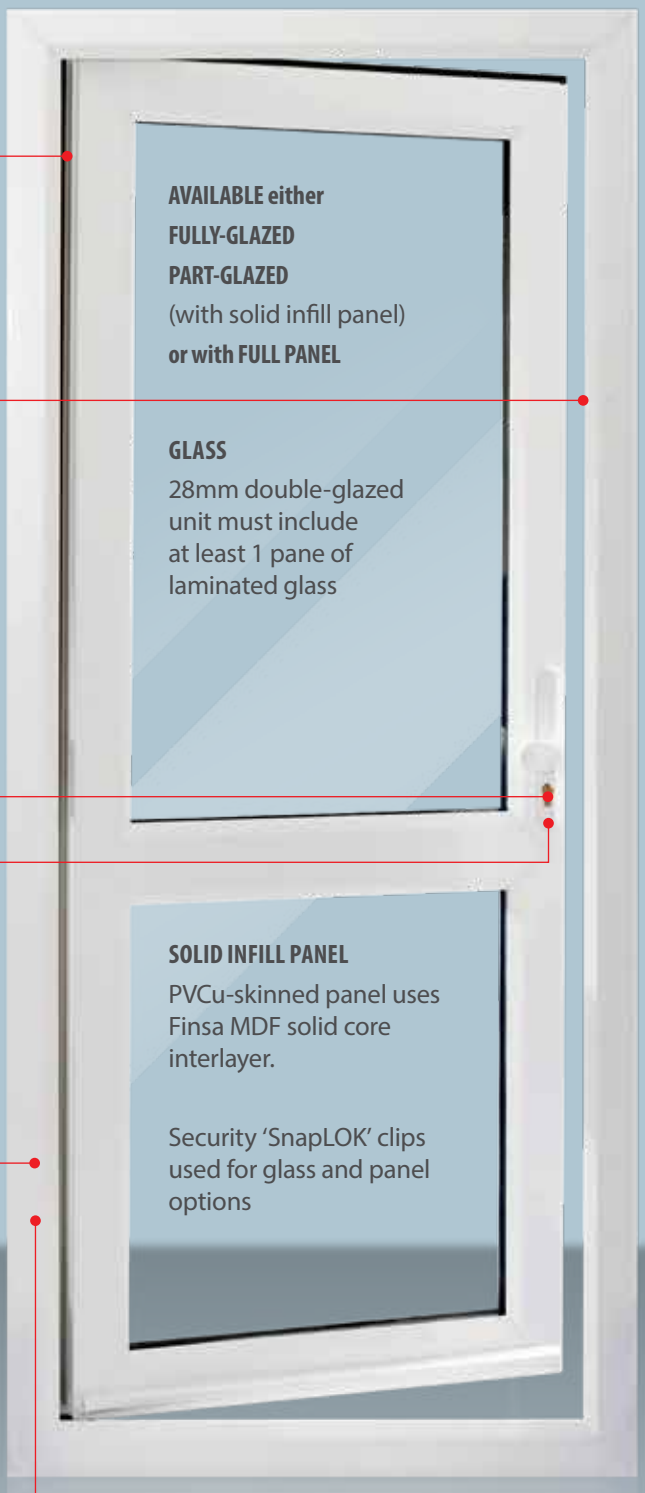
Chrome | Gold

Graphite | White

COWLING

Security letterplate prevents reach to handle or cylinder by an intruder

Bright Bronze | Antique Black | Black



AVAILABLE either

FULLY-GLAZED

PART-GLAZED

(with solid infill panel)

or with FULL PANEL

GLASS

28mm double-glazed unit must include at least 1 pane of laminated glass

SOLID INFILL PANEL

PVCu-skinned panel uses Finsa MDF solid core interlayer.

Security 'SnapLOK' clips used for glass and panel options

PVCu DOORS

*ATK 3-STAR cylinder can be used with our **standard** door handle to achieve SBD, **Avocet 1-STAR cylinder must be used with our **security** door handle to achieve SBD

PVCu **WINDOWS**





KEY-LOCKABLE HANDLE

A choice of stylish handles in a variety of colours can be specified.



ANTI-JEMMY HINGE GUARD

Hook and claw hinge guard prevent window being levered on the hinged side of the sash





ROLLER LOCK AND KEEP

Expand and contract into their keeps with dual slots allowing for night-vent position



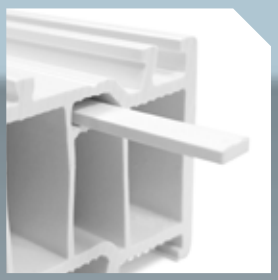
SHOOTBOLTS

Incorporated at each end for increased security



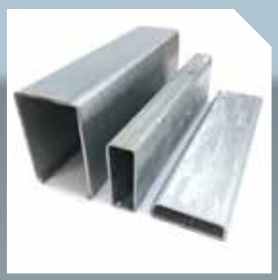
LOW-LINE GLAZING BEAD

Low-line glazing bead with low-profile gaskets for improved security and greater sightlines



SCREW RETENTION

Jamb reinforcement using PVCu flat-bar screw retainer



REINFORCEMENT

Steel reinforcement for vertical jambs in frame



GLASS

28mm double-glazed or 36mm triple-glazed unit must include at least 1 pane of laminated glass if adjacent to a door set or if non-locking hardware has been specified

In our ongoing quest to provide the highest quality products for our customers, our designs and specifications are subject to change without notice.

PERFORMANCE

	PVCu CASEMENT WINDOWS	PVCu RESIDENTIAL DOOR	PVCu FRENCH WINDOWS	PVCu FRENCH DOORS	PVCu TILT & TURN WINDOWS	SOLID-CORE COMPOSITE DOORS
PAS24:2016	YES	YES	YES	YES	YES	YES
BS7412:2007	YES	YES	YES	YES	YES	n/a
BS6375 - 1:2009	1200 Pa*	800U Pa*	800 Pa*	800U & 1200 Pa*	1200 Pa*	800X Pa*

PAS24:2016 Enhanced Security Performance

Enhanced security performance requirements for doorsets and windows in the UK. Doorsets and windows intended to offer a level of security suitable for dwellings and other buildings exposed to comparable risk.

BS7412:2007 Specification for PVCu Windows and Doors

Every component used within the window set tested, must comply to the relevant British Standard for that component before they can be put forward for testing to BS 7412.

BS6375 - 1:2009 Weather Rating

Specifies the exposure categories related to test pressure levels for air permeability, water-tightness and wind resistance for external windows and doorsets.

* Measured in Pascals. This is the **resistance to wind load** on the door or window. For instance, 800 Pa is the equivalent of 0.11 pounds-force per square inch. The higher the number the more resistant it is to wind. Exposure Category 800U also achieves an A2 wind class whilst 800X achieves air permeability Class 2 and water-tightness Class 2A. Exposure Category 800 increases water-tightness to Class 3A whilst 1200 increases wind resistance to Class A3.

For a detailed specification of our current accreditations, please contact us for the full Scope of Certification from **EXOVA BM TRADA.**

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Enhanced Security Window

BMTRADA

UKAS PRODUCT CERTIFICATION 012

Enhanced Security Door

BMTRADA

UKAS PRODUCT CERTIFICATION 012

SCI Windows