

WEAR SECURE



WHAT IS THE WEAR SECURE?

The Wear Secure is an adaptation of the Wansbeck Secure, but incorporates a secure mesh to guard the restricted open area. This window is a solution that can be used within a low secure facility. This window solution has the provision to access all faces of the glass & mesh for cleaning.

This window includes an internal sliding sash which opens to a fixed position of 125mm, operated by staff to control natural ventilation into the room and locked off for safety and security reasons. When moved into the open position, the fixed stainless steel PolarMesh covers the open area for anti-contraband purposes. Because the window has only a small area of secure mesh, natural light is maximised.

MAIN FEATURES



STANDARD 125MM
RESTRICTED OPENING



DUAL COLOUR AVAILABLE



INTERNAL HORIZONTAL
SLIDING SASH



FULL RANGE OF RAL
COLOUR OPTIONS



FIXED STAINLESS
STEEL POLARMESH



INFECTION CONTROL



POWDER COAT /
ANODISED FINISH



REDUCED LIGATURE



THERMAL BREAK



CONCEALED DRAINAGE



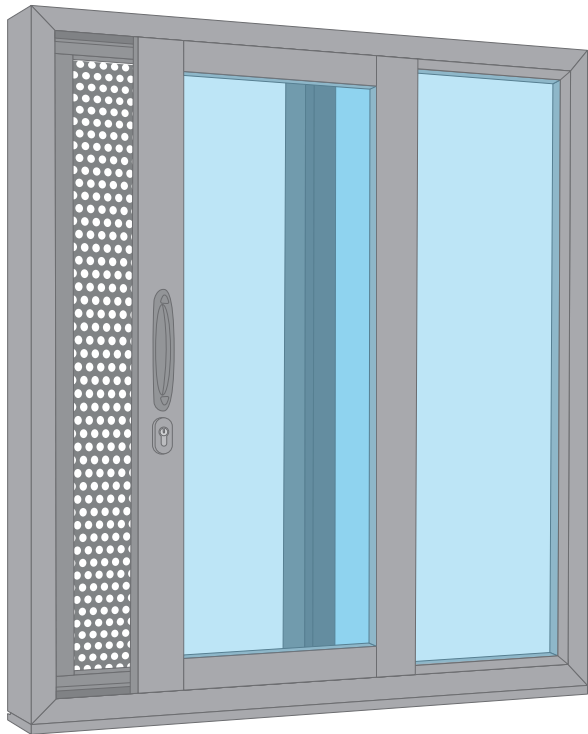
BEADLESS SYSTEM



GLAZING / PANEL
UP TO 35.5MM



WEAR SECURE



THE TECHNICAL DETAILS

Standard PolarMesh

1.5mm Thick Anti-Tamper Reduced Ligature Stainless Steel Mesh

Perforation Standard	2mm Diameter Holes to 3mm Centres Giving 40% Open Area
Colour/Finish	All RAL/BS powder range available to BS 6596.

Hardware

Patient Control Operator	Reduced Ligature Grab Handle (Coloured as Frame or Contrasting)
Lock (Slider)	Flush Key Lock (Staff Control)
Orwell Trickle Vent	Reduced Ligature (Controllable) (Optional)

Fixings

To suit surrounding structure, standard method will be by way of galvanised steel straps fixed at 200mm centres

Environmental - Tested In Accordance With BS EN ISO 10077-1

U-Value	$\geq 1.8 \text{ W/m}^2 \text{ K}$ based on recommended glazing specifications (Window size will affect U-Value)
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Weather - Tested to BS 6375 - 1:2009

Air Permeability (ENG1026)	Class 3
Watertightness (ENG1027)	Class 9A 600pa
Windload Resistance (EN12211)	Class B5

Security

Restricted	Restricted Opening (125mm)
Locking Features	Key Lock to open sash (Staff Control)

Cleaning

Fixed secure Polarmesh & all glass faces inside and out to have provision to be cleaned. Opening of internal sliding sash will allow for access to all faces of PolarMesh & glass faces.

Maintenance

PolarCare Maintenance Packages Available

Quality

Manufactured and installed in accordance with ISO 9001:2008

Sustainability

Manufactured & Installed in accordance with ISO 14001:2015

Standard Warranty and Guarantee

Parts	12 Month Warranty
Installation	12 Month Warranty
Glass	60 Month Warranty
Paint	Guarantee dependant on finish and Installation Environment

Frame

Description	Internal horizontal sliding sash operated by reduced-ligature grab handle. Fixed PolarMesh for anti-contraband purposes & restricted opening. To aid safety & security there are no glazing beads on the Wear Secure.
Profile	Bespoke aluminium profile extruded from aluminium alloy 6060/6063 T5/T6 and compliant with BS EN 12020-2: 2001/BS 755-9: 2001
Colour/Finish	All RAL / BS powder range / Dual Colour / Bespoke finishes available to BS 6596. Anodising to BS EN 12373 and BS 3987
Thermal Break	Polyamide strips PA 6.6 25

Standard Glazing

Fixed Pane	9.5mm Toughened Laminate Clear With 1.5mm PVB Interlayer (Internal) 16mm Argon Filled Black Warm Edge Spacer 6mm Toughened Low E (External) (P ULTRA N II)
Sliding Pane	9.5mm Toughened laminate Clear With 1.5mm PVB Interlayer (Internal) 16mm Argon Filled Black Warm Edge Spacer 6mm Toughened Low E (External) (P ULTRA N II)
G-Value	Standard - Sash • 59 Fixed • 58
Light Transmittance	Standard - Sash • 79 Fixed • 78
U-Value	$\geq 1.1 \text{ W/m}^2 \text{ K}$
Variations	Performance Varies by Glass Specification
Other Applications	Sandblast/Solar/Obscure/Silver 20

Blinds

Integral Blinds	Manually Operated By Reduced Ligature Handle (20mm Spacer Required) (Optional)
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