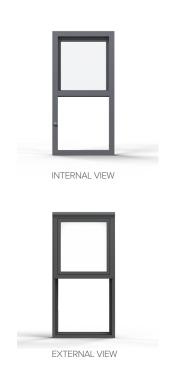
Safevent® Vertical

Our most advanced anti-ligature window for mental health environments in a vertical configuration



PERFORMANCE		
Weather Tested to BS 6375 - 1:2009		
Air Permeability	Class 2	
Watertightness	Class E1050	
Resistance to windload	Class C5	
Environmental Tested in accordance with BS EN ISO 10077-1		
U-Value	≤1.8 - 2.2 W/m² °K based on recommended glazing spec and size	
Green Guide Rating	С	
Security		
Medium Environmental Design Guide	PAS 24	
STS202 BR1-4 (additional spec required, on request)		
Tested by many NHS Trusts to replicate aggressive and continuous attack (video evidence available)		



Full Revit/BIM integration is available for all Safevent window models. Further technical drawings/models are available on request.



Safevent® Vertical

COMPONENTS		
Frame		
Profile	Bespoke aluminium profile extruded from aluminium alloy 6060/6063 T5/T6 and compliant with BS EN 12020-2: 2001/BS 755-9: 2001	
Finish	All RAL / BS powder range / dual colour / bespoke finishes available to BS EN 12206-1:2021 Anodising to BS EN 12373 and BS 3987	
Thermal Break	Polyamide strips PA 6.6 25	
UK Patent	2446730	
Standard cill options	125mm, 159mm, 200mm, 250mm (bespoke options available on request)	
Glazing options Further options available	e on request	
Standard - Fixed Unit	- 6.8mm laminated soft coat (external)	
	- 20mm argon filled warm edge spacer	
	-10mm toughened (internal)	
Standard - Sash	- 6mm toughened (internal) (depending on size/weight)	
	- 20mm argon filled warm edge spacer	
	- 6mm toughened soft coat (external)	
G-Value	Standard - 0.45-0.48* Solar - 0.32-0.37*	
Light Transmittance	Standard - 68-71%*	
*Variations	Performance varies by glass specification. Combinations between 32-42mm available upon request	
Performance Applications	Self clean, Sand-blast, Solar, Mirror film, Obscure (full or partial) and Safety film	
Visomesh		
	ature 1.5mm thick stainless steel mesh. Double pressed for better sh. Black 9005 PPC finish as standard. Other PPC / printed artwork quest.	
Perforation	2mm diameter holes to 3mm centres giving 40.3% open area	
Blinds		
Integral Blinds	Electronically operated (20mm spacer required)	
Hardware		
Option 1	Multask handle (stainless steel) Click here for demo	
Option 2	- Anti-ligature window winder	
	- Flush key lock (staff)	
	- Manual thumb turn lock (patient)	
Locks (external sash)	- Concealed key locks x2	
Tricklevent Option	Anti-ligature permanently open	
Fixings		
	the relevant British Standards, including BS 6262, fixings to be each corner, mullion, transom and at centres not exceeding 300mn	

OTHER

Warranties

12 month warranty (extended warranty available)

Parts warranties up to 25 years and design life up to 35 years

Quality

Manufactured and installed in accordance with ISO 9001:2008 (certificate available)

Sustainability

All profiles used are environmentally sustainable and can be fully recycled supporting building energy performance

Intellectual Property

Window patent EP-UK2013435 Multask handle patent 2577180 GlassShield trademark UK00003670222 GlassShield patent pending

For further product info and video demonstrations please visit https://britplas.com/ products/mental-health/safevent-window/

Important: The information above is provided for guidance purposes only. It is provided subject to contract and no representation or warranty is made or intended. The window should be assessed or tested by each Client to ensure it meets the requirement of their patient group and intended use.

Anti-ligature disclaimer: This product may have varying degrees of anti-ligature characteristics. Any anti-ligature characteristics there may be are only intended to supplement and not replace or be an alternative to appropriate risk assessment and supervision of those who may be at risk. Other necessary protective measures may be required in the specific circumstances of usage. The customer must satisfy itself that the product(s) are suitable for their intended use. Britplas does not offer any products for sale as being 'ligature-free' and to the fullest extent permissible under applicable law it will not be liable for any claims connected to or arising from the attachment of ligatures on its products.



or as advised dependent on structure.