

Intavent Aluminium (IA)



INTERNAL VIEW
(half open position)

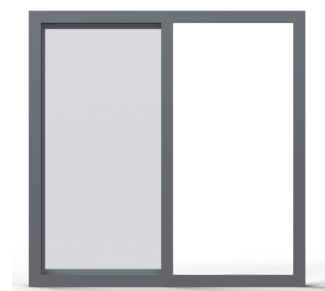


EXTERNAL VIEW

PERFORMANCE	
Weather	
Tested to BS 6375 - 1:2009	
Air Permeability (ENG1026)	Class 3
Watertightness (ENG1027)	Class 8A
Resistance to windload (EN12211)	Class CE2100
Environmental	
Tested in accordance with BS EN ISO 10077-1	
U-Value	≤ 1.8- 2.0 W/m ² °K based on recommended glazing spec
Green Guide Rating	C
Security	
Medium Environmental Design Guide	
Tested by many NHS Trusts to replicate aggressive and continuous attack (video evidence available)	



INTERNAL VIEW (half open position)



EXTERNAL VIEW

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

Intavent Aluminium (IA)

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 6596. Anodising to BS EN 12373 and BS 3987
Thermal Break	Polyamide strips PA 6.6 25
Standard cill options	111mm, 145mm, 186mm, 236mm (bespoke options available on request)
Glazing options	
Further options available on request	
Standard - Fixed Unit	- 10mm toughened (internal)
	- 20mm argon filled warm edge spacer
	- 6.8mm laminated soft coat (external)
Standard - Sash	- 6mm toughened self clean (internal)
	- 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	
Anti-tamper and anti-ligature 1.5mm thick stainless steel mesh. Double pressed for better vision and smoother finish. Black 9005 PPC finish as standard. Other PPC / printed artwork finishes available on request.	
Perforation	2mm diameter holes to 3mm centres giving 40.3% open area
Blinds	
Integral Blinds	Manually or electronically operated (20mm spacer required)
	NB Manual blinds are tilt only
Hardware	
Locks	- Flush key lock (staff)
	- Manual thumb turn lock (patient)
Handles	Anti-ligature Primera handle
Tricklevent Option	Anti-ligature permanently open
Fixings	
In strict accordance with the relevant British Standards, including BS 6262, fixings to be positioned 150mm from each corner, mullion, transom and at centres not exceeding 400mm or as advised dependent on structure.	

OTHER
Warranties
12 month warranty (extendable by maintenance contract)
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 GlassShield trademark UK00003670222 GlassShield patent pending

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.