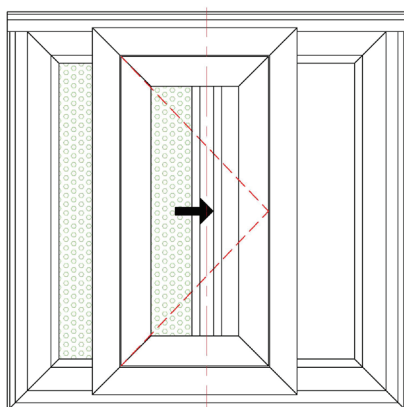


# Safevent® Access Technical Spec

Performance	
<b>Weather - Tested to BS 6375 - 1:2009</b>	
Air Permeability (ENG1026)	Class 3
Watertightness (ENG1027)	Class 9A 900pa
Resistance to windload (EN12211)	Class CE2500
<b>Acoustic - Tested to BS EN 150 10140 - 2:2010</b>	
Closed	31 dB Rw
100mm Opening	15 dB Rw
Fully Open	7 dB Rw
<b>Environmental - Tested in accordance with BS EN ISO 10077-1</b>	
U-Value	≤ 1.6 W/m <sup>2</sup> °K based on recommended glazing spec
Green Guide Rating	A
<b>Security</b>	
Secure by Design compliance	LPS 1175 level 2
Low / Medium Environmental Design Guide	
Tested by many NHS Trusts to replicate aggressive and continuous attack (video evidence available)	

Other	
<b>Warranties</b>	
12 month warranty (extendable by maintenance contract)	
Parts warranties up to 25 years and design life up to 35 years	
<b>Quality</b>	
Manufactured and installed in accordance with ISO 9001:2008 (certificate available)	
<b>Sustainability</b>	
All profiles used are environmentally sustainable and can be fully recycled supporting building energy performance	



External view.  
Further technical drawings are available on request.

Components	
<b>Frame</b>	
Profile	Eurocell Eurologik 70 Profile
Finish	Standard foil range / Eurocell colour range / Any RAL
UK Patent	2446730
<b>Glazing Options</b>	
Standard - Fixed Unit	- 10mm toughened (internal)
	- 12mm argon filled warm edge spacer
	- 6.8mm laminated soft coat (external)
Standard - Sash	- 6mm toughened soft coat (external)
	- 18mm argon filled warm edge spacer
	- 4mm toughened self clean (internal)
G-Value	Standard - 0.67*
Light Transmittance	Standard - 77%*
*Variations	Performance varies by glass specification
Performance Applications	Self clean, Sand-blast, Solar, Mirrored, Obscure and Safety film
<b>Visomesh</b>	
Anti-tamper and anti-ligature 1.5mm thick stainless steel mesh. Double pressed for better vision and smoother finish. PPC or printed artwork finish.	
Perforation - Standard	2mm diameter holes to 3mm centres giving 40.3% open area
Perforation - Variations	3mm diameter holes on 4mm centres giving 51% open area
<b>Blinds</b>	
Integral Blinds	Not available in uPVC profile
<b>Hardware</b>	
Operator	Anti-ligature window winder (steel or aluminium)
Locks (internal facing)	- Flush key lock (staff)
	- Manual thumb turn lock (patient)
Locks (external sash)	- Concealed tongue espag locks
Tricklevent Option	Anti-ligature permanently open
<b>Fixings</b>	
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.	