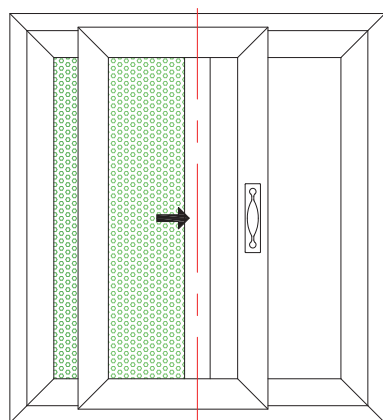


# Rapidvent® uPVC (RP) Technical Spec

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

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	



Internal 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
	- 6.4mm laminated soft coat (external)
Standard - Sash	- 6mm toughened soft coat (external)
	- 16mm 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. Combinations between 32-42mm available
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	4mm diameter holes to 5mm centres giving 58% open area
Perforation - Variations	3mm diameter holes on 4mm centres giving 51% open area
<b>Blinds</b>	
Integral Blinds	N/A
<b>Hardware</b>	
Locks	Flush key lock
Handles	Primera handle (push/pull)
Tricklevent Option	Standard slot tricklevent
<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.	