Origin Windows
Aluminium Flush Casement & Fixed Frame Windows

**Profile specification**

<table>
<thead>
<tr>
<th>Depth</th>
<th>80mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sightline</td>
<td>88mm</td>
</tr>
</tbody>
</table>

**Details**

- Fixed, side and top hung, dummy sash and gable configurations
- Face and concealed drainage
- Hinge options available to meet building regulations for emergency exits
- Restricted hinges available if required for 1st floor and above safety
- Marine grade if required
- Window couplers available
- 20 Year Guarantee

**Security**

- Mechanically crimped aluminium casement frame with internal beading
- Secured by design Yale locking system with night vent opening
- Hinge guards as standard for protection against intrusion

**Available in the following colour finishes**

- Origin's Popular Colour Range:
  - 9910G (Hipca White)
  - 7016M (Anthracite Grey)
  - 9007M (Dark Silver Metallic)
  - 7015M (Slate Grey)
  - 7021M (Black Grey)
  - 9005M (Jet Black)
- Special RAL colours
- Dual Colour
- Available in 4 woodgrain colours

---

Origin Frames Ltd, Sunters End, Hillbottom Road, High Wycombe, Buckinghamshire, HP12 4HS

t +44 (0) 808 168 5816
t +44 (0) 845 450 6663
e info@origin-global.com
w origin-global.com
**Size Limitations**

<table>
<thead>
<tr>
<th>Style</th>
<th>Minimum Frame Size (mm)</th>
<th>Maximum Frame Size (mm)</th>
<th>Maximum Sash Size (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Width</td>
<td>Height</td>
<td>Area (m²)</td>
</tr>
<tr>
<td>Flush Casement</td>
<td>400</td>
<td>400</td>
<td></td>
</tr>
<tr>
<td>Fixed Frame</td>
<td>350</td>
<td>350</td>
<td></td>
</tr>
<tr>
<td>Fixed Frame</td>
<td>3000</td>
<td>2100</td>
<td>6.3</td>
</tr>
<tr>
<td>Top Hung</td>
<td>1500</td>
<td>1500</td>
<td></td>
</tr>
<tr>
<td>Side Hung</td>
<td>1000</td>
<td>1800</td>
<td></td>
</tr>
<tr>
<td>Dummy Sash</td>
<td>3000</td>
<td>2100</td>
<td>6.3</td>
</tr>
</tbody>
</table>

**Testing**

- Air permeability 600pa Class 4
- Water tightness class 9A E1050pa
- Resistance to wind load 2000pa Class A5
- 1.5 W/(m²k) U-Value

**Hardware Options**

- Glass unit size 28mm
- Bead: chamfered
- Trickle vent: 4000 only
- Handles available in chrome, silver aluminium, white and black. Cranked handle as displayed in the diagram below.

**Cill Sections**

- 95mm stub cill
- 155mm cill
- 180mm cill