Due to a continuous programme of development the company reserves the right to make alterations without notice.

(Products which are not a stocked item will be subject to a longer lead time which needs to be agreed with your Securistyle representative).

© Securistyle November 2018

Accreditations and affiliations

- **Council for Aluminium in Buildings**
  CAB encourages the use of aluminium products in construction.

- **American Architectural Manufacturers Association**
  The leading trade association for window, door, skylight, curtain wall and storefront manufacturers and their suppliers in North America.

- **Council on Tall Buildings & Urban Habitat**
  The world’s leading resource for professionals focused on the design and construction of tall buildings.

- **Made in Britain**
  Initiative that champions British manufacturing by encouraging the supply chain of UK-made goods.

- **The Environmental Product Declaration**
  Independently verified and registered document that communicates key information about the life-cycle environmental impact of products.

- **ISO 14001:2015**
  British Standards Institute certification for the design, development, supply and manufacture of architecture for applications to windows.

- **ISO 9001**
  British Standards Institute certification for a quality management system.

---

**Parallel Plus**

Provides balanced natural ventilation allowing for aesthetically-pleasing sightlines, which maintains the reflective qualities of the façade.
### Parallel Plus

Compatible with unconventional vent shapes, superbly versatile and boasting several innovative built-in features, the Parallel Plus provides unbeatable natural ventilation. The result is a balanced air flow around the building, as well as reduced maintenance and running costs, a smaller carbon footprint and less CO₂ build up within the building.

- **Patented adjustable cam feature for parallel alignment**
- **Patented tie bar feature for synchronised operation**
- **Headed bronze bush for enhanced endurance performance**
- **Compatibility with motor operation** (capacity upon request)
- **Hinge can be used on a variety of window shapes including square, triangular and hexagonal**
- **Product specific EPD available**
- **Manual operation up to 200kg**

---

### Hinge Selection for manually operated vents

#### Specification
- Q Mark Certified – 020/001
- Tested in accordance with AAMA 904, AAMA 910, BS 6375-2, JG/T 433 and EN 1670
- Manufactured from Austenitic 304 stainless steel for high corrosion resistance. 316 MarineTek range available on request
- AAMA 904 - Specification for Multi-Bar Hinges in Window Applications
- AAMA 910 - Life Cycle Specifications and Test Methods for AW Class Architectural Windows and Doors
- BS 6375-2 classification for operation and strength characteristics and guidance on selection and specification
- JG/T 433 - Parallel hinges used in curtain wall windows
- Tested to BS EN 1670 - Grade 5 Corrosion resistance 480 hours
- Endurance tested to 20,000 cycles
- 12 Year Guarantee

#### Table: Hinge Selection

<table>
<thead>
<tr>
<th>Side Mounted Hinges</th>
<th>Control Stays</th>
<th>Top</th>
<th>Bottom</th>
</tr>
</thead>
<tbody>
<tr>
<td>A 1 x PX0350L 1 x PX0350R 2 x C8700</td>
<td>100kg</td>
<td>1 x PX0350R</td>
<td>-</td>
</tr>
<tr>
<td>B 1 x PX0450L 1 x PX0450R 2 x C8700</td>
<td>100kg</td>
<td>2 x PX0450R</td>
<td>-</td>
</tr>
<tr>
<td>C 1 x PX0570L 1 x PX0570R 2 x C8800</td>
<td>200kg</td>
<td>3 x PX0570R</td>
<td>-</td>
</tr>
<tr>
<td>D 1 x PX0670L 1 x PX0670R 2 x C8800</td>
<td>200kg</td>
<td>4 x PX0670R</td>
<td>-</td>
</tr>
<tr>
<td>E 2 x PX0950L 2 x PX0950R 4 x C8700</td>
<td>200kg</td>
<td>5 x PX0950R</td>
<td>-</td>
</tr>
<tr>
<td>F 2 x PX0950L 2 x PX0950R 4 x C8700</td>
<td>200kg</td>
<td>6 x PX0950R</td>
<td>-</td>
</tr>
<tr>
<td>G 1 x PX0250L 1 x PX0250R</td>
<td>100kg</td>
<td>7 x PX0250R</td>
<td>-</td>
</tr>
<tr>
<td>H 1 x PX0350L 1 x PX0350R</td>
<td>200kg</td>
<td>8 x PX0350R</td>
<td>-</td>
</tr>
<tr>
<td>I 1 x PX0450L 1 x PX0450R</td>
<td>200kg</td>
<td>9 x PX0450R</td>
<td>-</td>
</tr>
<tr>
<td>J 2 x PX0950L 2 x PX0950R 4 x C8800</td>
<td>200kg</td>
<td>10 x PX0950R</td>
<td>-</td>
</tr>
</tbody>
</table>

**Note:** For manually operated vents outside these parameters, please contact the customer service department on 01242 221200.

**Note:** When using PX0250R control stays, replace C8701 stops with C8701 stops. Maximum opening motion of parallel hinges = 150mm, with the exception of PX0250 which has a maximum opening motion of 120mm.