There are 3 ways to be sure exit hardware meets the CE mark criteria:

1. CE certification is readily available for inspection.
2. Products are regularly tested within a (CEN) accredited testing facility and are in line with the latest CE requirements.
3. Products are manufactured to a specification that complies with the CEN standards. CEN tested and CE marked products are subject to regular CEN inspections carried out by independent laboratories. This ensures that currently certified exit hardware and testing methods are consistently employed.

## Exit Hardware Classifications Guide

### CEN standards explained:

It is fundamental that the European Legislation for all exit devices to comply with the latest revisions of EN 1125:1995, EN 179:1996 and EN 1127:1999. These standards are core elements of the ‘Field of Door Application’ introduced in the CEN standards.

### Minimum security standards

- Grade 0 - 0 cycles
- Grade 1 - 1000 cycles
- Grade 2 - 2000 cycles
- Grade 3 - 5000 cycles
- Grade 4 - 10,000 cycles
- Grade 5 - 20,000 cycles
- Grade 6 - 35,000 cycles
- Grade 7 - 200,000 cycles

### Corrosion Resistance

- Grade A - approved for smoke door assemblies
- Grade B - approved for fire/smoke door use
- Grade C - not approved for smoke door use

### Door size/mass

<table>
<thead>
<tr>
<th>Grade</th>
<th>Door mass/mass (kg)</th>
<th>Door size (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>&lt;15</td>
<td>800 x 1300</td>
</tr>
<tr>
<td>1</td>
<td>15-50</td>
<td>800 x 1300</td>
</tr>
<tr>
<td>2</td>
<td>50-100</td>
<td>800 x 1300</td>
</tr>
<tr>
<td>3</td>
<td>100-200</td>
<td>800 x 1300</td>
</tr>
<tr>
<td>4</td>
<td>200-350</td>
<td>800 x 1300</td>
</tr>
<tr>
<td>5</td>
<td>350-500</td>
<td>800 x 1300</td>
</tr>
<tr>
<td>6</td>
<td>500-700</td>
<td>800 x 1300</td>
</tr>
<tr>
<td>7</td>
<td>&gt;700</td>
<td>800 x 1300</td>
</tr>
</tbody>
</table>

### Can supply in left or right hand, but cannot be reversed

### Two point locking for extra security

### Push Bar Panic

- Touch bar device - 570 Series
- Push bar device - 560 Series

### Pullbar latches

- 0800 834102 who will be able to advise and assist with product selection for non-standard installations.

### Briton 372

- Push Bar Panic
- Push Bar Panic for Double Rebalanced Doors
- Push Bar Panic for Door with Fixed Handle

### Briton 376

- Push Bar Panic
- Push Bar Panic with Mortice Nightlatch

### Briton 379.N

- Push Bar Panic
- Push Bar Panic with Touch Bar

### Briton 1438

- Push Bar Panic

### Briton 1428

- Pull Bar Panic

### Briton 1436

- Pull Bar Panic

### Briton 1426

- Pull Bar Panic

### Maintenance

- Regular and thorough exit hardware inspections performed throughout the buildings escape route, and it is important that these inspections are made and certified by a suitably experienced fire consultant to ensure safety at all times.

### Technical support

- For further information regarding Briton exit devices, please contact our technical support department who will be pleased to offer any assistance on any aspect of our products including quotations.

### Guarantee

- The Briton 372, 376, 379 and 377 series are available to back up the high quality performance guarantee and the durability of the five years and emergency exit devices, giving the user all the reassurance they need. We are so confident in the quality of these products and the reliability of the manufacturer that we offer a 3 year guarantee on mechanical and 1 year guarantee on electrical. Technical support can be contacted on 0800 834102 who will be able to advise and assist with product selection for non-standard installations.

### Special applications

- For special applications outside those mentioned within this guide, please contact the Fire Precautions Act 1971, always consult their Fire Precautions Act 1971, always consult their fire consultant will be able to advise on any aspects of our products including quotations.
The principal objective of a door closer is to close a door safely and securely to the required test site variables. Because of such variables, the specification of an appropriate closer power of any door closing device will be subject to the need for easy and universal accessibility. As a consequence there is a conflict between the required closing forces for fire safety and the desirable opening forces which require special consideration in the specification process. According to BS 8300 and Approved Document B of the UK Building Regulations states that, in the majority of cases, ‘a door closer must be capable of closing a door… from any angle and against any wind load’ in the appropriate zone. Closing force is the most effective way to prove compliance with this requirement. The closing force required to fulfill the life saving fire-safety function demanded by fire regulations is capable of closing the door from any angle and against any wind load. For all internal and external doors for use by the public, be difficult to overcome and the door can fail to close properly. As a consequence there is a conflict between the required closing forces for fire safety and the desirable opening forces which require special consideration in the specification process.

EN 1154 - A harmonised standard designed for life safety

All forms of "Controlled Door Closing Devices" are covered by a harmonised European Standard, EN 1154. This standard details an inductive and classificatory approach to all door closers, door closers and power, control and installation practicalities. Requirements are set to a high level so as to ensure the power of any door closing device within subject to any minimums shall not be less than 8 cycles per second. Accuracy of door installation must be to British Standards. As regards design, it is important to discuss any problems with the test data multiple product performance and key performance. The closing force required to fulfill the life saving function shall be subject to the need for easy and universal accessibility. As a consequence there is a conflict between the required closing forces for fire safety and the desirable opening forces which require special consideration in the specification process. The closing force required to fulfill the life saving function demanded by fire regulations is capable of closing the door from any angle and against any wind load. For all internal and external doors for use by the public, be difficult to overcome and the door can fail to close properly. As a consequence there is a conflict between the required closing forces for fire safety and the desirable opening forces which require special consideration in the specification process. The closing force required to fulfill the life saving function demanded by fire regulations is capable of closing the door from any angle and against any wind load. For all internal and external doors for use by the public, be difficult to overcome and the door can fail to close properly. As a consequence there is a conflict between the required closing forces for fire safety and the desirable opening forces which require special consideration in the specification process.

Low Usage

Low Usage up to 15,000 cycles per year

Briton 121CE Compact Overhead Closer
- Budget closer
- Parallel arm
- Spring power
- Anti-Salination

Briton 1110 Adjustable Overhead Closer
- Adjustable power
- Slide arm
- Mounting bracket

Briton 1120B Spring Power Adjustable Overhead Closer
- Adjustable power
- Slide arm
- Mounting bracket

Briton 1130B Spring Power Adjustable Overhead Closer
- Adjustable power
- Slide arm
- Mounting bracket

Briton 2300 Slide Action Adjustable Overhead Closer
- Adjustable power
- Slide arm
- Mounting bracket

Briton 2003V Push Power Adjustable Overhead Closer
- Adjustable power
- Slide arm
- Mounting bracket

Briton 2700 Spring Power Adjustable Overhead Closer
- Adjustable power
- Slide arm
- Mounting bracket

Briton 2130B Adjustable Power Overhead Closer
- Adjustable power
- Slide arm
- Mounting bracket

Briton 996 Full Type Overhead Closer
- Adjustable power
- Slide arm

Medium Usage

Medium Usage up to 50,000 cycles per year

Briton 1130B Spring Power Adjustable Overhead Closer
- Adjustable power
- Slide arm
- Mounting bracket

Briton 2003V Push Power Adjustable Overhead Closer
- Adjustable power
- Slide arm
- Mounting bracket

Briton 2700 Spring Power Adjustable Overhead Closer
- Adjustable power
- Slide arm
- Mounting bracket

Briton 2130B Adjustable Power Overhead Closer
- Adjustable power
- Slide arm
- Mounting bracket

Briton 996 Full Type Overhead Closer
- Adjustable power
- Slide arm

High Usage

High Usage up to 100,000 cycles per year

Briton 1130B Spring Power Adjustable Overhead Closer
- Adjustable power
- Slide arm
- Mounting bracket

Briton 2003V Push Power Adjustable Overhead Closer
- Adjustable power
- Slide arm
- Mounting bracket

Briton 2700 Spring Power Adjustable Overhead Closer
- Adjustable power
- Slide arm
- Mounting bracket

Briton 2130B Adjustable Power Overhead Closer
- Adjustable power
- Slide arm
- Mounting bracket

Briton 996 Full Type Overhead Closer
- Adjustable power
- Slide arm

Electromagnetic

Briton 996 Full Type Overhead Closer
- Adjustable power
- Slide arm

Which door closer is right for your application?

Get in touch:
T: +44 (0) 121 380 2400
E: contactuk@allegion.com
W: allegion.com/uk