

Standards & CE Marking



From January 2010 it became mandatory for all exit hardware to be manufactured to the latest updated European standards, EN 1125 and EN 179 and be CE marked.

As a life safety product it is essential that the correct exit device is used in the correct application, depending on whether it must meet the standard for a Panic Exit application or an Emergency Exit application. Please read the notes on this page to ensure you specify the correct product.

Panic Applications to EN 1125

A 'panic' application is where the exit door is used by members of the public and must provide "safe and effective escape through the doorway with minimum effort and without prior knowledge of operation".

Typical applications include:

- Shops
- Schools
- Hospitals
- Theatres and Cinemas

Products used in panic applications require an operating device that covers the width of the door e.g. crossbars or touch bars.



Emergency Applications to EN 179

An 'emergency' application is where the exit door is in a low occupancy environment and will only be used by trained personnel, such as in a place of work never accessed by the public or people unfamiliar with the escape drill.

- Typical applications include:
- Offices
- Private Flats & Apartments
- Factories
- Store Rooms & Boiler Rooms

Products used in emergency applications require only a single point of operation e.g. pushpads or levers.



If in doubt ALWAYS choose a product certified to EN1125

CE Classifications - Under both standards (EN 1125 and EN 179), each product is classified and graded to identify the level of compliance and type of unit within each category using a 10 digit code.

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|---------------------------------------|----------------------------------|---|---|------------------------------------|---|-----------------------------|---|---|--|
| Category of Use 3 = high frequency | Durability 7 = 200,000 cycles | Door size/mass 6 = doors up to 200kg | Fire resistance (EN1634) B = suitable for fire doors | Safety Critical safety function | Corrosion resistance 3 = high resistance | Security 2 = up to 1000N | Device projection 1 = up to 150mm 2 = up to 100mm | Type of operation Touch bar/Push bar or Push pad | Field of door application relating to single/double doors |
| 3 (3) | 7 (6/7) | 6 (5-7) | B (0/A/B) | 1 (1) | 3 (3/4) | 2 (2-5) | 2 (1/2) | A (A/B) | A (A-C) |

GUIDE TO PANIC HARDWARE FINISHES

The Briton 560 and 570 Series are available in a limited number of finish combinations.



- SE finish**
Touch bar/Push bar in sprayed silver finish with all other components in black.
- SES finish**
Touch bar/Push bar and end box covers in sprayed silver finish with all other components in matching grey finish.
- SS finish**
Touch bar in satin stainless steel with all other components in black.
- PS finish**
Touch bar in polished stainless steel with all other components in black.
- PB finish**
Touch bar in plated polished brass with all other components in black.

Pullman Latches and Cable Covers



- BM finish**
Pullman latches, covers and cable covers are available in a semi matt black finish. Designed to be used with operators in SE, SS, PS or PB finish.
- SE finish**
Pullman latches, covers and cable covers are available in a sprayed silver finish. Designed to be used with operators in SES finish.

376 Series Finishes

The Briton 376 Series is available as standard in SE, sprayed silver finish. It is also available to order in a range of alternative sprayed metallic finishes and plated metal finishes including polished stainless steel, satin stainless steel and polished brass.

Please contact our Customer Care Centre on **0121 380 2401** for further information on availability and ordering.

