

## EN 1125:2008 – Panic Exit Devices

### Classification key

**EN**  
United Kingdom

**The classification reached by the product is shown on the product itself or on the minimum packaging and in the certificate issued by an independent body**

#### Category of use (first digit)

**grade 3:** for use by the public where there is little incentive to exercise care and where there is a high chance of misuse (e.g. doors in public buildings)

#### Durability (second digit)

<b>grade 6:</b>	100 000 test cycles	25 N load on latch bolt
<b>grade 7:</b>	200 000 test cycles	25 N load on latch bolt

#### Door mass and closing force (third digit)

<b>grade 5:</b>	up to 100 kg door mass	50 N maximum closing force
<b>grade 6:</b>	up to 200 kg door mass	50 N maximum closing force
<b>grade 7:</b>	above 200 kg door mass as specified by the manufacturer	50 N maximum closing force

#### Suitability for use on fire/smoke doors (fourth digit)

**grade 0:** not approved for use on fire/smoke door assemblies  
**grade A:** suitable for use on smoke door assemblies  
**grade B:** suitable for use on smoke and fire door assemblies

#### Safety (fifth digit)

**grade 1:** all panic exit devices have a critical safety function, only the top grade is identified for the purpose of EN1125

#### Corrosion resistance and temperature (sixth digit)

<b>grade 3:</b>	high corrosion resistance	(96h NSS)	temperature requirement: from –10 °C to +60 °C
<b>grade 4:</b>	very high corrosion resistance	(240h NSS)	temperature requirement: from –10 °C to +60 °C

#### Security (seventh digit)

**grade 2:** 1000 N – force on the leaf in opening direction

#### Horizontal bar projection (eighth digit)

**grade 1:** projection up to 150 mm (large projection)  
**grade 2:** projection up to 100 mm (standard projection)

#### Type of horizontal bar operation (ninth digit)

**type A:** panic exit device with "push-bar" operation  
**type B:** panic exit device with "touch-bar" operation

#### Field of door application (tenth digit)

**category A:** single door, double door: active or inactive leaf  
**category B:** single door only  
**category C:** double door, inactive leaf only