EN1125:2008

Panic exit devices operated by a horizontal bar

Example of classification:									
3	**7**	**7**	**B**	**1**	**4**	**2**	**2**	**A**	**B**
1°	2°	3°	4°	5°	6°	7°	8°	9°	10°

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)

grade 6:	100 000 test cycles	25 N load on latch bolt
grade 7:	200 000 test cycles	25 N load on latch bolt

Door mass and closing force (third digit)

grade 5:	up to 100 kg door mass	50 N maximum closing force
grade 6:	up to 200 kg door mass	50 N maximum closing force
grade 7:	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)

grade 3:	high corrosion resistance	(96h NSS)	temperature requirement: from −10 °C to +60 °C
grade 4:	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