



PANIC EXIT DEVICES

Example for Panic exit devices series 59001/11//16

1	2	3	4	5	6	7	8	9	10
3	7	7	A	1	4	2	2	A	A

1 Category of use

Grade 3: High frequency of use where there is little incentive to exercise care, i.e. where there is a chance of an accident occurring and of misuse

2 Durability

Grade 6: 100.000 Test cycles

Grade 7: 200.000 Test cycles

3 Door mass

Grade 5: Up to 100 kg

Grade 6: Up to 200 kg

Grade 7: Above 200 kg

4 Suitability for use on fire/smoke doors

Grade 0: Not approved for use on fire/smoke door assemblies

Grade A: Suitable for use on fire/smoke door assemblies based on the requirements of B.1

Grade B: Suitable for use on fire/smoke door assemblies based on the requirements of EN 1634-1

5 Safety

Grade 1: All panic and emergency devices have a critical safety function therefore only the top grade 1 is identified

6 Corrosion resistance

Two grades of corrosion resistance given in EN 1670:2007, 5.6:

Grade 3: 96 h (high resistance)

Grade 4: 240 h (very high resistance)

7 Security

Grade 2: Panic devices are primarily for the operation of a door from inside and security is secondary to that of safety

8 Projection of horizontal bar

Grade 1: Projection up to 150 mm (large projection)

Grade 2: Projection up to 100 mm (standard projection)

9 Type of horizontal bar operation

Type A: Panic exit device with "push-bar" operation

Type B: Panic exit device with "touch-bar" operation

10 Field of door application

Grade A: Single door, double door: active or inactive leaf

Grade B: Single door only

Grade C: Double door, inactive leaf only



PUSH PAD PANIC EXIT DEVICES

Example for the Push Pad series 59051/61/66

1	2	3	4	5	6	7	8	9	10
3	7	7	A	1	4	5	2	B	A

1 Category of use

Grade 3: High frequency of use where there is little incentive to exercise care, i.e. where there is a chance of an accident occurring and of misuse

2 Durability

Grade 6: 100.000 Test cycles

Grade 7: 200.000 Test cycles

3 Door mass

Grade 5: Up to 100 kg

Grade 6: Up to 200 kg

Grade 7: Above 200 kg

4 Suitability for use on fire/smoke doors

Grade 0: Not approved for use on fire/smoke door assemblies

Grade A: Suitable for use on fire/smoke door assemblies based on the requirements of B.1

Grade B: Suitable for use on fire/smoke door assemblies based on the requirements of EN 1634-1

5 Safety

Grade 1: All panic and emergency devices have a critical safety function therefore only the top grade 1 is identified

6 Corrosion resistance

Two grades of corrosion resistance given in EN 1670:2007, 5.6:

Grade 3: 96 h (high resistance)

Grade 4: 240 h (very high resistance)

7 Security

Grade 2: 1.000 N

Grade 3: 2.000 N

Grade 4: 3.000 N

Grade 5: 5.000 N

8 Projection of operating element

Grade 1: Projection up to 150 mm (large projection)

Grade 2: Projection up to 100 mm (standard projection)

9 Type of operation

Type A: Emergency exit device with "lever handle" operation

Type B: Emergency exit device with "push pad" operation

10 Field of door application

Grade A: Outward opening single exit door, double exit door: active or inactive leaf

Grade B: Outward opening single exit door only

Grade C: Outward opening double exit door: inactive leaf only

Grade D: Inward opening single exit door only