

BS 8424:2003 Pull Handles – requirements and test methods

Products tested to British and European standards provide greater durability, longer warranty periods, peace of mind and evidence of professional specification.

Under the standard each product is tested and classified accordingly to show its compliance. The identification of a 6-digit code is visible on the individual product. Each digit represents a category and how it measured against the standard to which it was tested.

Digit 1: Category of use

1 = light duty.

2 = medium duty.

3 = heavy duty.

4 = severe duty.

Digit 2: Durability

2 = 5,000 test cycles.

Digit 3: Test door mass

There is no classification.

Digit 4: Fire resistance

0 = not approved for use on fire/smoke door assemblies.

1 = suitable for use on fire/smoke door assemblies, subject to satisfactory assessment of the contribution of the emergency device to the fire resistance of specified fire/smoke door assemblies.

Digit 5: Safety

1 = safe.

Digit 6: Corrosion resistance

0 = no defined corrosion resistance.

1 = low resistance.

2 = moderate resistance.

3 = high resistance.

4 = very high resistance.

Example:

3 2 - 1 1 4

The above code signifies a pull handle suitable for heavy duty, fire/smoke door use with a very high corrosion resistance.