



BSI Standards Publication

Safety rules for the construction and installation of lifts — Examination and tests

Part 58: Landing doors fire resistance test

National foreword

This British Standard is the UK implementation of EN 81-58:2022. It supersedes BS EN 81-58:2018, which will be withdrawn on 31 May 2024.

The UK participation in its preparation was entrusted to Technical Committee MHE/4, Lifts, hoists and escalators.

A list of organizations represented on this committee can be obtained on request to its committee manager.

This Standard forms part of a series of standards concerning the safe design of passenger and goods passenger lifts. It is intended to be read in conjunction with the other Standards in the series: in particular, base standards such as BS EN 81-20 for the design of new lifts, BS EN 81-41 for the design of vertical lifting platforms, and prEN 81-42 for the design of vertical lifting appliances with enclosed carrier.

These base Standards include a requirement for landing doors to conform to the regulations relevant to the fire protection for the building concerned and reference EN 81-58 for the testing and certification of such doors. The base standards include assumptions (e.g., BS EN 81-20:2020, 0.4.2) that negotiation (discussion and agreement) has been made between the customer and supplier and agreement has been reached about aspects such as:

- the building's requirement for fire-resistant landing doors (such as fire integrity and minimum time); and
- requirements for the wall construction, including details of how the lift landing door was incorporated into the wall construction as part of testing and certification.

The UK Committee draws the attention of users of this standard to the need for a suitable wall construction (including any fire stopping) either:

- to incorporate the lift landing doors according to the information provided on the testing/certification of the doors; or
- to meet any other standards applicable for fire resistance where there is no test report/certification available for the intended wall construction.

This publication has been prepared under a mandate given to the European Standards Organizations by the European Commission and the European Free Trade Association. It is intended to support requirements of the EU legislation detailed in the European Foreword. A European Annex, Annex ZA, describes how this publication relates to that EU legislation.

For the Great Britain market (England, Scotland and Wales), if UK Government designates this publication for conformity with UKCA marking (or similar) legislation, it will be listed on the relevant pages of <https://www.gov.uk/guidance/designated-standards> which will also list the date of withdrawal of the previous designated standard, EN 81-58:2003.

For the Northern Ireland market, UK law will continue to implement relevant EU law subject to periodic confirmation. Therefore Annex ZA in the European text, and references to EU legislation, are still valid for this market.