
CERTIFICATE OF APPROVAL

No CF5107

This is to certify that, in accordance with
TS00 General Requirements for Certification of Fire Protection Products
The undermentioned products of

BRADBURY SECURITY

Dunlop Way, Queensway Industrial Estate, Scunthorpe,
North Lincolnshire, DN16 3RN

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Have been assessed against the requirements of the Technical Schedule(s)
denoted below and are approved for use subject to the conditions
appended hereto:

CERTIFIED PRODUCT

BRADBURY SECURITY
M2M³ FD and M2M² FD
Mild Steel Doorsets

TECHNICAL SCHEDULE

TS12 Hinged or Pivoted Fire
Resisting Pedestrian Type
Doorsets with Metallic Leaves
and Frames

Signed and sealed for and on behalf of CERTIFIRE



Sir Ken Knight
Chairman - Management Council
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Issued: 8 November 2012
Valid to: 7 November 2017



CERTIFICATE No CF5107

BRADBURY SECURITY

M2M³FD and M2M²FD MILD STEEL DOORSETS

1. This approval relates to the use of the above doorsets in providing fire resistance of up to 240 minutes integrity as defined in BS EN 1634-1: 2000 or BS 476: Part 22: 1987. Subject to the undermentioned conditions, the doors will meet the relevant requirements of BS 9999 for fire resisting doorsets, for periods of up to 240 minutes (dependant upon design limitations) when used in accordance with the provisions therein.
2. This certification is designed to demonstrate compliance of the product or system specifically with Approved Document B (England and Wales), Section 2 of the Technical Standards (Scotland), Technical Booklet E (N. Ireland). If compliance is required to other regulatory or guidance documents there may be additional considerations or conflict to be taken into account.
3. The doors are approved on the basis of:
 - i) Initial type testing.
 - ii) A design appraisal against TS12.
 - iii) Certification of quality management system to ISO 9001: 2008.
 - iv) Inspection and surveillance of factory production control.
 - v) Audit testing as defined in TS12.
4. The doorsets comprise steel door leaves hung within steel frames.
5. This approval is applicable to complete doorsets only.
6. This approval is applicable to single-acting, single and double-leaf, latched doorsets at leaf dimensions up to those given in Table 1. Fire exposure may be from either opening direction.
7. Hardware items, including closing devices, shall be CERTIFIRE approved or otherwise as specified in the data sheet.
8. The doorsets shall be mechanically fixed to wall constructions having a fire resistance of at least the same period as the doorset.
9. This certificate does not include any approval relating to the mechanical requirements of the doorsets specified in TS12.
10. Doorsets shall be single-acting, single or double leaf. Double-acting doorsets are not included within the scope of this assessment. Side and overpanels are included within the scope of approval.

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M2M³FD and M2M²FD MILD STEEL DOORSETS

Table 1. Maximum Permitted Door Leaf Dimensions

Doorset Configuration	Integrity (mins)	Maximum Height (mm)	Maximum Width (mm)	Subject to Maximum Area of (m ²)
SASL (latched)	60	3181	1556	3.95
SASL (latched)	120	3181	1556	3.95
SASL (latched)	240	2814	1377	3.51
SADL (active leaf latched, Inactive leaf bolted top and bottom)	60	3181	1556	3.95
SADL (active leaf latched, Inactive leaf bolted top and bottom)	120	3181	1556	3.95
SADL (active leaf latched, Inactive leaf bolted top and bottom)	240	2814	1377	3.51

***Note:**

Double-leaf doorsets may incorporate door leaves of unequal width, provided that the width of the smaller door leaf is no less than 50% of the larger door leaf

Double-leaf doorsets to include a rebated meeting edge (detail in Constructional Specification)

11. Labels to the CERTIFIRE design referencing BRADBURY SECURITY, CERTIFIRE and CERTIFIRE Ref. No. CF5107 shall be affixed to each door in the prescribed position.
12. This approval relates to on-going production. The product and/or its immediate packaging is identified with the manufacturer's name, the product name or number, the CERTIFIRE name and mark together with the CERTIFIRE Certificate number (CF5107) and application where appropriate.