
CERTIFICATE OF APPROVAL

No CF 519

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

ASSA ABLOY LTD

T/A ASSA ABLOY SECURITY DOORS

21 Ferguson Drive, Knockmore Hill Industrial Park,
Lisburn, Northern Ireland, BT28 2EX
Tel: 02892 662200, Fax: 02892 603600

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

Powershield Single and Double -
Acting, 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 Exova (UK) Limited trading as
Warrington Certification



Sir Ken Knight
Chairman
Impartiality Committee



Paul Duggan
Certification Manager



Issued: 11th January 2007
Reissued: 22nd November 2016
Valid to: 21st November 2021

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CERTIFICATE No CF 519
ASSA ABLOY LTD
T/A ASSA ABLOY SECURITY DOORS

POWERSHIELD SINGLE AND DOUBLE-ACTING, MILD STEEL DOORSETS

1. This approval relates to the use of the above doorsets in providing a fire resistance of up to 240 minutes integrity, as defined in Clause 8 of BS 476: Part 22: 1987.
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
4. The doorsets comprise door leaves with metallic leaves, for use with metallic frames.
5. This approval is applicable to complete doorsets only.
6. This approval is applicable to single and double-acting, single and double-leaf doorsets at leaf dimensions up to those given in Tables 1 to 3.
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 TS 12.

CERTIFICATE No CF 519 **ASSA ABLOY LTD** **T/A ASSA ABLOY SECURITY DOORS**

POWERSHIELD SINGLE AND DOUBLE-ACTING, MILD STEEL DOORSETS

1. SINGLE-ACTING DOORSETS (STANDARD CONSTRUCTION)

**Table 1a. Maximum Permitted Door Leaf Dimensions for
Latched, Single and Double¹-Leaf, Doorsets (with Astragal)
- Optionally Including Glazing²**

| Integrity (mins) | Maximum Height (mm) | Maximum Width (mm) | Maximum Area (m ²) |
|------------------|---------------------------|---------------------------|--------------------------------|
| up to 120 | 2887 (at 1081 mm wide) | 1352 (at 2307 mm high) | 3.12 |
| up to 180 | 2665 (at 1084 mm wide) | 1248 (at 2316 mm high) | 2.89 |
| up to 240 | 2221 | 1040 | 2.31 |

**Table 1b. Maximum Permitted Door Leaf Dimensions for
Latched, Single and Double¹-Leaf, Doorsets (with Astragal)
- Not Including Glazing**

| Integrity (mins) | Maximum Height (mm) | Maximum Width (mm) | Maximum Area (m ²) |
|------------------|---------------------|--------------------|--------------------------------|
| up to 120 | 3423 | 1594 | 4.36 |
| up to 240 | 3028 | 1410 | 3.88 |

**Table 1c. Maximum Permitted Door Leaf Dimensions for
Unlatched, Single and Double¹-Leaf, Doorsets (with Astragal)
- Not Including Glazing**

| Integrity (mins) | Maximum Height (mm) | Maximum Width (mm) | Maximum Area (m ²) |
|------------------|---------------------|--------------------|--------------------------------|
| up to 120 | 3163 | 1334 | 3.38 |
| up to 240 | 2798 | 1180 | 3.00 |

Note 1: Double-leaf doorsets may incorporate leaves of unequal width provided that the width of the smaller leaf is no less than 25% of the larger leaf.

Note 2: Maximum glazed area of 0.30 m² (subject to max height of 1340 mm or max width of 528 mm)

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2. SINGLE-ACTING DOORSETS (REINFORCED DOOR CONSTRUCTION)

Table 2a. Maximum Permitted Door Leaf Dimensions for
Latched, Single and Double³-Leaf, Doorsets (with Astragal)
- Including Glazing⁴

| Integrity (mins) | Maximum Height (mm) | Maximum Width (mm) | Maximum Area (m ²) |
|------------------|---------------------|--------------------|--------------------------------|
| up to 60 | 3000 | 1200 | 3.6 |

Note 3: Door leaves required to be of equal width

Note 4: Maximum sight dimensions of 1500 mm high by 215 mm wide

Table 2b. Maximum Permitted Door Leaf Dimensions for
Unlatched, Double-Leaf, Doorsets (without Astragal⁵)
- Not Including Glazing

| Integrity (mins) | Maximum Height (mm) | Maximum Width (mm) | Maximum Area (m ²) |
|------------------|---------------------|--------------------|--------------------------------|
| up to 60 | 2400 | 1226 | 2.94 |

Note 5: Intumescent seals to meeting edges required

3. DOUBLE-ACTING DOORSETS

Table 3. Maximum Permitted Door Leaf Dimensions For
Unlatched, Single and Double-Leaf, Mild Steel Doorsets – Optionally Glazed⁶

| Integrity (mins) | Maximum Height (mm) | Maximum Width (mm) | Maximum Area (m ²) |
|------------------|---------------------|--------------------|--------------------------------|
| up to 60 | 2519 | 1360 | 3.16 |

Note 6: Maximum glazed area of 0.056 m²