



CERTIFICATE OF APPROVAL

No CF 520

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- 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 Warringtonfire Testing and Certification Limited

Paul Duggan
Certification Manager



Issued:
Revised:
Valid to:

11th January 2007
1st December 2020
24th November 2021

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CERTIFICATE No CF 520
ASSA ABLOY LTD
T/A ASSA ABLOY SECURITY DOORS

‘POWERSHIELD’ 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 BS EN 1634-1: 2008 and BS 476: Part 22: 1987.
2. This certification is provided to the client for their own purposes and we cannot opine on whether it will be accepted by Building Control authorities or any other third parties for any purpose.
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 paper honeycomb cored, single-acting, single and double-leaf, mild steel doorsets, at leaf dimensions up to those given in Table 1. Separate approval is also provided for a reinforced version of the same doorset, at leaf dimensions up to those given in Tables 3 to 6.
7. It is also applicable to plasterboard cored, single-acting, single-leaf doorsets, incorporating a three-point latching device, at leaf dimensions up to those given in Table 2, and to reinforced, mineral fibre cored doorsets in Tables 7 and 8.
8. Hardware items, including closing devices, shall be CERTIFIRE approved or otherwise as specified in the data sheet.
9. Doors leaves may include Formica facings for up to 30 minutes integrity performance.
10. The doorsets shall be mechanically fixed to wall constructions having a fire resistance of at least the same period as the doorset.
11. This certificate does not include any approval relating to the mechanical requirements of the doorsets specified in TS 12.



CERTIFICATE No CF 520
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T/A ASSA ABLOY SECURITY DOORS

‘POWERSHIELD’ SINGLE-ACTING, MILD STEEL DOORSETS

Table 1. Maximum Permitted Door Leaf Dimensions for Latched, Single-Acting, Single and Double-Leaf, Paper Honeycomb Cored Doorsets (with Astragal)

Integrity (mins)	Maximum Height (mm)	Maximum Width (mm)	Maximum Area (m²)
up to 120	3423	1594	4.36
up to 240	3028	1410	3.88

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.

Table 2. Maximum Permitted Door Leaf Dimensions for Single-Acting, Single-Leaf, Plasterboard Cored Doorsets

Integrity (mins)	Maximum Height (mm)	Maximum Width (mm)	Maximum Area (m²)
up to 120	3167	1093	2.77
up to 240	2801	967	2.46

Plasterboard cored doorsets must incorporate a three-point latching system of all-steel construction.



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**'POWERSHIELD' SINGLE-ACTING, REINFORCED, PAPER HONEYCOMB
CORED, MILD STEEL DOORSETS**

**Table 3. Maximum Permitted Door Leaf Dimensions for Latched or
Unlatched, Single-Acting, Double-Leaf, Glazed or Unglazed (No Astragal)**

Integrity (mins)	Maximum Height (mm)	Maximum Width (mm)	Maximum Area (m²)
Up to 120	3036	1351	4.19

**Table 4. Maximum Permitted Door Leaf Dimensions for Latched or
Unlatched, Single-Acting, Double-Leaf, Glazed or Unglazed (with Astragal)**

Integrity (mins)	Maximum Height (mm)	Maximum Width (mm)	Maximum Area (m²)
30	3432	1528	4.19
60	3300	1469	4.03
120	3036	1351	3.72

**Table 5. Maximum Permitted Door Leaf Dimensions for Latched,
Single-Acting, Single-Leaf, Glazed or Unglazed**

Integrity (mins)	Maximum Height (mm)	Maximum Width (mm)	Maximum Area (m²)
30	3432	1528	4.19
60	3300	1469	4.03
120	3036	1351	3.72

**Table 6. Maximum Permitted Door Leaf Dimensions for Unlatched,
Single-Acting, Single-Leaf, Glazed or Unglazed**

Integrity (mins)	Maximum Height (mm)	Maximum Width (mm)	Maximum Area (m²)
Up to 120	2640	1175	3.10



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**‘POWERSHIELD’ SINGLE-ACTING, REINFORCED, MINERAL FIBRE CORED,
MILD STEEL DOORSETS**

**Table 7. Maximum Permitted Door Leaf Dimensions for Latched,
Single-Acting, Single and Double-Leaf, Unglazed (with Astragal)**

Integrity (mins)	Maximum Height (mm)	Maximum Width (mm)	Maximum Area (m²)
120	3576	1615	4.62
240	3164	1428	4.10

**Table 8. Maximum Permitted Door Leaf Dimensions for Latched,
Single-Acting, Single and Double-Leaf, Glazed (with Astragal)**

Integrity (mins)	Maximum Height (mm)	Maximum Width (mm)	Maximum Area (m²)
120	3576	1615	4.62