

CERTIFICATE OF APPROVAL No CS 5137

This is to certify that, in accordance with
STS200 General Requirements for Certification of Enhanced Security Products
The undermentioned products of

MASTERDEC LTD
174 Green Lane, London, SE9 3XB
Tel: 0759 566 3038

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

FD30S Doorset

TECHNICAL SCHEDULE

STS201 - Enhanced security
requirements for doorsets to satisfy
the requirements of PAS24 (with Fire
& Smoke performance)

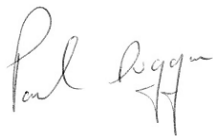
CLASSIFICATION

Security	Weather	Strength	Material Specific	Fire	Smoke
PAS24 D	BS6375-1 800U	BS6375-2&3 Medium Duty	BS644	BS476:PT22 30mins	BS 476-31.1 < 3 m ³ /m/h

Fire performance certified to TS10 under CERTIFIRE certificate CF6078

NPD = No performance determined

Signed and sealed for and on behalf of Warringtonfire Testing and Certification Limited



Paul Duggan
Certification Manager



Issued: 7th February 2023
Audit Test Frequency: Annually
Valid to: 6th February 2028



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1. 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.
2. This approval relates to the use of the above in providing an enhanced security performance to PAS24:2016 Annex A & B, a weather performance of 800U to BS6375-1:2015, a mechanical strength performance of Medium Duty to BS6375-2:2009 and an additional performance to BS6375-3:2009 Annex A & C, a smoke performance of less than 3 m³/h/m in accordance with BS 476-31.1:1983 and a fire resistance performance of 30 minutes integrity and 30 minutes insulation as defined in BS 476: Part 22: 1987 and CERTIFIRE approved in accordance with TS10 under certificate CF 6078.
3. The fire resistance period stated on the certificate is in terms of integrity and insulation performance to BS 476: Part 22: 1987 and has been assigned to the product based on the supporting test evidence and technical evaluation. The doorset designs described by the scope in the certificate could therefore be given a 'FD30' notation, as defined in BS 8214: 2016. Please note the 'FD' notation only indicates integrity performance to BS 476: Part 22: 1987. Specific performance requirements for doorsets are set out in the relevant building regulations.
4. The smoke control performance stated on the certificate is in terms of the doorsets ability to maintain a leakage rate of <3m³/m/h at 25Pa if tested to BS 476: Part 31.1 (including evaluation of leakage at the threshold when fitted with the threshold seal(s) as stated on the certificate) and has been assigned to the product based on the supporting test evidence and technical evaluation. The doorset designs described by the scope in the certificate could therefore be given an 'S' notation, as defined in BS 8214: 2016. Specific performance requirements for doorsets are set out in the relevant building regulations.
5. The doorsets are approved on the basis of:
 - i. Initial type testing against PAS24, BS6375 & BS 476-31.1. Element Wednesbury test reports WIL 515890, WIL 515891, WIL 515892, WIL 515893, WIL 515895, WIL 515896 & Warringtonfire test report WYC 514173.
 - ii. Audit testing at the frequency specified in STS 200 & STS 201 where relevant.
 - iii. A design appraisal against STS201 where relevant.
 - iv. Inspection and surveillance of factory production control at Unit 7, Gunnery Terrace SE18 6SW.
6. This approval is applicable to complete doorsets only.



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7. This certification is designed to demonstrate compliance of the doorset specifically with PAS24, TS10 and the requirements of Secured by Design. If compliance is required to other regulatory or guidance documents there may be additional considerations or conflict to be taken into account.
8. This approval is applicable to single-leaf, unglazed, open-in doorsets with or without letterplates and without sidelights or toplights at leaf & frame dimensions up to those given in Table 1 & Table 2.
9. Approved hardware items are:
 - 3no. Eclipse Ball bearing hinges 14854
 - Fullex SL16 Crimebeater multipoint lock or Winkhaus AV2 multipoint lock
 - Mila Prosecure Enhanced Security Handle KM535608
 - ERA Eurocylinder thumbturn BS-L-T3535-51 KM553031
 - Lorient Polyproducts RJ008 Letterplate KM670828

For the full specification of the product please refer to the constructional specification that accompanies this certificate.

Configuration	Maximum door leaf width (mm)	Maximum door leaf height (mm)	Door leaf thickness (mm)
Open-in, single leaf	930	2040	45

Table 1. Permitted Door Leaf Dimensions

Configuration	Maximum frame width (mm)	Maximum frame height (mm)
Single leaf without sidelights & toplights	1000	2080

Table 2. Permitted Frame Dimensions

Note: Under no circumstances must either the maximum height or maximum width be exceeded without separate CERTISECURE approval.



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10. The doorset shall be mechanically fixed to wall constructions having a fire resistance of at least 30 minutes as specified in the Data Sheet, ensuring frame jambs are fixed through to the wall at not less than four points with steel or nylon fixings at maximum 600 mm centres penetrating the wall to at least 45 mm and installed as stated within BS 8214 and the manufacturers approved installation instructions accordingly.

Door leaves shall not be trimmed.

11. Labels to the CERTISECURE design referencing CERTISECURE, PAS24 D, Masterdec Ltd, CERTISECURE certificate No. CS 5137 and CERTIFIRE certificate No. CF 6078 shall be affixed to each doorset in the prescribed position.
12. This approval relates to on going production. The doorset and/or its immediate packaging is identified with the manufacturer's name, the product name or number, the CERTISECURE name and mark together with the CERTISECURE Certificate number and application where appropriate.

Further Information

Further information regarding the details contained in this report may be obtained from Masterdec Ltd, 174 Green Lane, London, SE9 3XB (Tel: 0759 566 3038)

Further information regarding CERTISECURE & CERTIFIRE certification and other approved products can be obtained from Warringtonfire Testing and Certification Limited, Suite 302, The Genesis Centre, Birchwood, Warrington, Cheshire WA3 7BH, United Kingdom (Tel: 01925 646 777)

