

## THE CERTIFICATE OF APPROVAL VALIDATES AS FOLLOW:

Product	Fire rated pedestrian doorset
Reference of the product	<b>FIREDOOR Uninsulated 44 mm</b>
placed on the market by	<b>Strongdor Ltd</b> Carnforth Business Park - Oakwood Way Carnforth - LA5 9FD, United Kingdom
produced in the manufacturing plant located in	<b>Morecambe, United Kingdom</b>

In compliance with the Efectis Certification Rules **DAP 21 REV. L**, this certificate of approval attests that:

- the doorset is submitted by the manufacturer to a factory production control,
- the accredited laboratory EFFECTIS UK/Ireland has performed the initial type-testing for the relevant characteristics of the doorset
- the accredited inspection body EFFECTIS France has performed the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of factory production control
- the accredited inspection body EFFECTIS France has performed the assessment of the accompanying documents, in accordance to the level of certification no 2 defined in the Efectis Certification rules DAP 21

	ASSOCIATED DOCUMENTS	INSPECTION REPORT	CERTIFICATE OF APPROVAL
Number:	Classification report: EUI-25-000093A Assessment of the accompanying documents: EFR-24-003411 rev.2	EFR-24-003411 A EFR-24-003043	<b>EFR-2506-0448</b>
Date of issue:	April 14 <sup>th</sup> 2025 February 25 <sup>th</sup> 2025	September 6 <sup>th</sup> 2024 July 29 <sup>th</sup> 2024	April 17 <sup>th</sup> , 2025
Date of 1 <sup>st</sup> issue:	-	-	-
Expiry date:	Valid as long as the product, the test standard and the production process are not modified	Valid up to the issuance of the surveillance inspection report (no later than the expiry date of the Certificate)	April 17 <sup>th</sup> , 2026

## DESCRIPTION OF THE PRODUCT

Single or double leaf doorset with metallic frame.

The detailed description of the doorset and the associated hardware, approved by this certificate, is provided in the classification report referenced EUI-25-000093A:

- Thickness of the leaf(ves): 44 mm
- Door frame in steel profiles 1.5 mm thick
- Option - Vison panel: glazing Firelite 9mm, double glazing Firelite 24 mm
- Option - Louvre: size maximum 508 x 1524 mm (w x h)
- Threshold: 96 mm
- Side and top panels: opaque panel (44 mm or 20 mm thick), glazed panel



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- Hardware:

Characteristics		Reference
Hinges	Stainless steel – 102 x 76 x 3 mm Stainless steel – 101 x 76 x 3 mm	M433-CE-CD (Monarch) 50577 (Rutland) SHIN1001100 (Tuff) VHC243HTR (Vier)
Closers	Rutland slimline door closer Domrakaba door closer  Assa Abloy door closer Record automatic door operator with sensors	TS9206 (Rutland) TS93, TS93EMF, TS93G-SR/V, TS73, TS83FRX (Dormakaba) DC200, DC300 (Assa Abloy) Record DFA 127
Panic bar Push bar	3-points panic bar 2-points panic bar 1-point panic bar 2-points rim panic bar Aluminium push bar	PHA2000 (Dormakaba), MRS-2 PE2 (Mico), PBE011 (Assa Abloy), 296SD (Exidor) Briton Briton AD2 STAT (Mico)
Outside Access Device	Cast Alloy - 165 x 51 x 40mm	1413/KE/SE/RO (Briton) MLK (Mico)
Hinges	Stainless steel – 102 x 76 x 3 mm Stainless steel – 101 x 76 x 3 mm	M433-CE-CD (Monarch) 50577 (Rutland) SHIN1001100 (Tuff) VHC243HTR (Vier)

### **FIRE RESISTANCE CLASSIFICATION**

For all configurations described in the classification report EUI-25-000093A, except the specific configurations listed below – Fire side depending of devices:

E	t
E	120

#### **Single leaf doorset**

- With Secury Automatic A2 and Secury Automatic DR (GU) locks

E	W	t
E	-	90

- With DFA 127 (Record) Automatic door operator and sensor:

E	W	t
E	-	90
E	W	60

- Without side and/or top panels, without vision panel and with Secury Automatic A2 and Secury Automatic DR (GU) locks – Leaf maximum size : 858 x 2040 mm (w x h):

E	W	t
E	W	90

- Without side and/or top panels and with vision panel 24mm Firelite glass – Leaf maximum size : 1380 x 2702.5 mm (w x h):

E	W	t
E	-	60
E	W	45



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- Without side and/or top panels and with vision panel 9mm Firelite glass – Leaf maximum size : 1008 x 2300 mm (w x h):

E	W	t
E	W	20

#### Double leaf doorset

- With coordinator G-SR/V:

E	t
E	90

- With vision panel 24mm Firelite glass

E	t
E	60

- Without side and/or top panels, without vision panel and without louvre – Leaf maximum size : (952.5 + 952.5) x 2347 mm (w x h):

E	W	t
E	W	30

#### **PERMISSIBLE DIMENSIONS VARIATIONS OF LEAF**

##### Single leaf doorset

	Minimum	Maximum
Width (mm)	Unlimited	1380
Height (mm)	Unlimited	2702.5
Total surface area of leaf < 3.4 m <sup>2</sup>		

##### Double leaves doorset (dimension of each leaf without the astragal)

	Minimum	Maximum
Width (mm)	Unlimited (*)	1095
Height (mm)	Unlimited	2699
Total surface area of leaf < 2.68 m <sup>2</sup>		

(\*) for unequal leaves, the minimum authorised width is 450 mm.

##### Single leaf unlatched doorset

	Minimum	Maximum
Width (mm)	Unlimited	1159
Height (mm)	Unlimited	2645
Total surface area of leaf < 2.78 m <sup>2</sup>		

##### Double leaves unlatched doorset (dimension of each leaf without the astragal)

	Minimum	Maximum
Width (mm)	Unlimited (*)	1035
Height (mm)	Unlimited	2645
Total surface area of leaf < 2.76 m <sup>2</sup>		

(\*) for unequal leaves, the minimum authorised width is 450 mm.



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**PERMISSIBLE DIMENSIONS VARIATIONS OF PANEL****Glazing of Top panel**

	Minimum	Maximum
Width (mm)	Unlimited	2490
Height (mm)	Unlimited	604

**Glazing of Side panel**

	Minimum	Maximum
Width (mm)	Unlimited	710
Height (mm)	Unlimited	2000

**Opaque top panel – 44mm thick or 20mm thick**

	Minimum	Maximum
Width (mm)	Unlimited	2886
Height (mm)	Unlimited	701
Total surface area of leaf < 1.83 m <sup>2</sup>		

**Opaque side panel – 44mm thick or 20mm thick**

	Minimum	Maximum
Width (mm)	Unlimited	814
Height (mm)	Unlimited	2297
Total surface area of leaf < 1.69m <sup>2</sup>		

**AUTHORISED SUPPORTING CONSTRUCTION**

Normalised high-density rigid construction:

density  $\geq$  2100 kg/m<sup>3</sup>  
thickness  $\geq$  140 mm

Flexible supporting construction as described in §7.2.2.4 of EN 1363-1: 2020 with a fire performances at least equal to those of the door

**INSTALLATION & MAINTENANCE****Installation instructions:**

- D-73-01 Installation Instructions for internal fire-rated steel door-sets – FIREDOR FAMILY

**Servicing and Maintenance manual:**

- D-72-01 Operation-and-maintenance-manual – FIREDOR FAMILY

Signed by delegation of the Technical Certification Director,

*The above certificate is valid only when the product is installed in accordance with the 'product application guideline' (End use). To verify the validity of the product, logon to our website [www.efectis.com](http://www.efectis.com) and type in the COMPLIANCE CERTIFICATE NUMBER.*

  
Yannick LE TALLEC  
Certification Director



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