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## CERTIFICATE OF APPROVAL

### No CF 114

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

## EXIDOR LIMITED

School Street, Willenhall WV13 3PW  
Telephone: 01543 460030 Fax: 01543 570050

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

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#### CERTIFIED PRODUCT

EXIDOR Series 4000, 5000 and  
9000 Overhead Door Closers

#### TECHNICAL SCHEDULE

TS34 - The Contribution of  
Controlled Door Closing  
Devices and Accessories to  
Fire Resisting Doorsets

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

Paul Duggan  
Certification Manager



Issued: 22<sup>nd</sup> April 1991  
Reissued: 30<sup>th</sup> November 2021  
Valid to: 29<sup>th</sup> November 2026

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## CERTIFICATE No CF 114 EXIDOR LIMITED

### EXIDOR OVERHEAD DOOR CLOSERS SERIES 4000, 5000, 9000, SP101 and SP106

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 applies to the EXIDOR range of cam-action overhead door closers, but excludes any mechanical hold open variants. The approval applies to the following models and configurations:

Product Reference	Link-arms			Slide arms			
	Projecting arm (Fig. 1) <i>Body door mounted on pull face</i>	Projecting arm (Fig. 61) <i>Body transom mounted on push face</i>	Parallel arm (Figure 6) <i>Body door mounted on push face</i>	Body door mounted on pull face	Body transom mounted on push face	Body door mounted on push face	Body transom mounted on pull face
4800	✓	✗	✓	✗	✗	✗	✗
4830	✓	✗	✓	✗	✗	✗	✗
4870	✓	✗	✓	✗	✗	✗	✗
4880	✓	✗	✓	✗	✗	✗	✗
4900	✓	✗	✓	✗	✗	✗	✗
4930	✓	✗	✓	✗	✗	✗	✗
5800	✓	✗	✓	✗	✗	✗	✗
9800	✓	✗	✓	✗	✗	✗	✗
9830	✓	✗	✓	✗	✗	✗	✗
9870	✓	✗	✓	✗	✗	✗	✗
9880	✓	✗	✓	✗	✗	✗	✗
9900	✓	✗	✓	✗	✗	✗	✗
9930	✓	✗	✓	✗	✗	✗	✗
SP101	✓	✗	✗	✗	✗	✗	✗
SP106	✗	✗	✓	✗	✗	✗	✗

**Key:** ✓ - approved                      ✗ - Not approved

*Note: Where alternative arms for non-fire applications are included within the packaging, the use of these components on fire resisting door assemblies will invalidate the certification.*





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3. This approval relates to their use with the following door assemblies:

**Latched and unlatched, intumescent sealed door assemblies consisting of timber faced and edged leaves with timber, cellulosic or mineral cores in timber frames having a fire resistance up to 120 minutes (Code ITT).**

**Latched and unlatched, door assemblies consisting of predominantly steel faced and edged leaves in steel frames, fully-insulated for the required classification period as defined by EN1634-1 or BS476-22, with or without intumescent sealing, and having a fire resistance up to 240 minutes (Codes MM & IMM)**

4. The closers are approved on the basis of:

- i. Initial type testing to EN 1154, EN 1155 and EN 1634-1
- ii. A design appraisal against TS34
- iii. Production surveillance
- iv. Ongoing audit testing in accordance with EN 1154 and EN 1155 requirements, as appropriate

5. This approval is applicable only to the specified closers when mounted in the applications stated above and under the classification codes section of this certificate and used with door assemblies of proven fire resistance (as defined in BS EN 1634-1 or BS 476: Part 22: 1987) and having power ratings appropriate to the leaf sizes subject to a minimum size 3 (as specified in BS EN 1154).

6. The closers shall be fixed with screws supplied by the closer manufacturer. Bolt-through fixings shall not be used.

7. Where the closers are fitted to door leaves or frames that are manufactured from mineral composite-based materials, or low-density cellulosic-based material, the door assembly shall have previously been shown capable of accommodating the installation of closers at the head of the doorset, without detriment to the door assembly's performance.

8. The approval relates to ongoing production. Product and/or its immediate packaging is identified with the manufacturer's name, the product name or number, the CERTIFIRE name or name and mark, together with the CERTIFIRE certificate number and application where appropriate.

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9. The following table shows acceptable doorsets types and fire resistance periods:

Class	Approved Door Type				
	MM	IMM	ITT	ITM	ITC
FD20	✓*	✓*	✓	✗	✓
FD30	✓*	✓*	✓	✗	✓
FD60	✓*	✓*	✓	✗	✓
FD120	✓*	✓*	✓	✗	✓
FD240	✓*	✓*	✗	✗	✗
E 20	✗	✗	✓	✗	✓
EI 20	✓	✓	✓	✗	✓
E 30	✗	✗	✓	✗	✓
EI 30	✓*	✓*	✓	✗	✓
E 60	✗	✗	✓	✗	✓
EI 60	✓*	✓*	✓	✗	✓
E 90	✗	✗	✓	✗	✓
EI 90	✓*	✓*	✓	✗	✓
E 120	✗	✗	✓	✗	✓
EI 120	✓*	✓*	✓	✗	✓
E 240	✗	✗	✗	✗	✗
EI 240	✓*	✓*	✗	✗	✗

**Key:**

- ✓ - approved
- ✗ - Not approved
- ✓\* - Fully-insulated steel-based doorsets only.





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#### EXIDOR OVERHEAD DOOR CLOSERS SERIES 4000, 5000, 9000, SP101 and SP106

10. Doors are classified as the following types:

**Code ITT** - 20 minute to 120 minute doorsets containing intumescent seals and consisting of timber faced and edged leaves with timber, cellulosic or mineral cores, hung in timber-based frames.

**Code ITM** - 20 minute to 120 minute doorsets containing intumescent seals and consisting of timber faced and edged leaves with timber, cellulosic or mineral cores, hung in steel frames.

**Code ITC** - 20 minute to 120 minute doorsets containing intumescent seals and consisting of timber faced and edged leaves with timber, cellulosic or mineral cores, hung in proprietary composite frames, of which the principal material is other than timber or metal but which may include any other materials.

**Code MM** - 20 to 240 minute doorsets consisting of uninsulated or insulated predominantly steel leaves, hung in steel frames without intumescent seals.

**Code IMM** - 20 to 240 minute doorsets consisting of uninsulated or insulated predominantly steel leaves, hung in steel frames with intumescent seals

#### Scope of Approval:

- Doors may not include uninsulated glass above 20% of their total area. Uninsulated glass shall not be included directly beneath the door closer body
- The closer may not be fitted to timber doorsets without leaf/frame edge intumescent protection.
- Closers are only approved for use on steel-based doorsets that are fully-insulated for the required classification period as defined by EN1634-1 or BS476-22.
- Mechanical Hold open option is not approved.

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- The following functions are supported by this certification:

<b>Table 3</b>				
<b>Closer Ref.</b>	<b>Application</b>	<b>Latch Control</b>	<b>Backcheck</b>	<b>Delayed-Action</b>
<b>4800</b>	Figure 1 and Figure 6	Yes	No	No
<b>4830</b>	Figure 1 and Figure 6	Yes	No	No
<b>4870*</b>	Figure 1 and Figure 6	Yes	No	No
<b>4880*</b>	Figure 1 and Figure 6	Yes	No	No
<b>4900</b>	Figure 1	Yes	No	No
<b>4900</b>	Figure 6	No	No	No
<b>4930</b>	Figure 1	Yes	Yes	No
<b>4930</b>	Figure 6	No	Yes	No
<b>5800</b>	Figure 1 and Figure 6	Yes	No	No
<b>9800</b>	Figure 1 and Figure 6	Yes	No	No
<b>9830</b>	Figure 1 and Figure 6	Yes	No	No
<b>9870*</b>	Figure 1 and Figure 6	Yes	No	No
<b>9880*</b>	Figure 1 and Figure 6	Yes	No	No
<b>9900</b>	Figure 1	Yes	No	No
<b>9900</b>	Figure 6	No	No	No
<b>9930</b>	Figure 1	Yes	Yes	No
<b>9930</b>	Figure 6	No	Yes	No
<b>SP101</b>	Figure 1	Yes	Yes	No
<b>SP106</b>	Figure 6	No	Yes	No

*\*Based on supporting EN1154 testing*

#### Classification codes

9800, 9830, 4800, 4830 & 5800 Projecting arm (Figure 1) to EN1154:

4	8	4 2	1	1	3
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9800, 9830, 4800, 4830 & 5800 Parallel arm (Figure 6) to EN1154:

4	8	4	1	1	3
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4930, 9930 & SP101 Projecting arm (Figure 1) to EN1154:

4	8	5 2	1	1	3
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4930, 9930 & SP101 Parallel arm (Figure 6) to EN1154:

4	8	4 2	1	1	3
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4900 & 9900 Projecting arm (Figure 1) to EN1154:

4	8	5 2	1	1	3
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4900 & 9900 Parallel arm (Figure 6) to EN1154:

4	8	4 2	1	1	3
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4870, 4880, 9870 & 9880 Projecting arm (Figure 1) to EN1155:

3	8	4	1	1	3
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4870, 4880, 9870 & 9880 Parallel arm (Figure 6) to EN1155:

3	8	4	1	1	3
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*Note: power ratings shall be appropriate to the leaf sizes subject to a minimum size 3 (as specified in BS EN 1154).*



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**EXIDOR OVERHEAD DOOR CLOSERS SERIES 4000, 5000, 9000, SP101 and SP106**

**Further Information**

Further information regarding the details contained in this certificate may be obtained from EXIDOR LIMITED (Tel: 01543 460030).

Further information regarding CERTIFIRE certification and other approved products can be obtained from CERTIFIRE (Tel: 01925 646777).

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