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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

Progress Drive, Cannock, Staffordshire, WS11 0JE  
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 Exova (UK) Limited trading as  
Warrington Certification



Paul Duggan  
Certification Manager



Issued: 22<sup>nd</sup> April 1991  
Revised: 13<sup>th</sup> October 2017  
Valid to: 28<sup>th</sup> July 2021

Page 1 of 7



## CERTIFICATE No CF 114

### EXIDOR LIMITED

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

1. 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	✗	✗	✓	✗	✗	✗	✗

2. 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 uninsulated or insulated metal door assemblies in metal frames with or without intumescent seals having a fire resistance up to 240 minutes (Code IMM/MM)\***

\*NOTE: closers shall be fitted to the fire risk face only of IMM/MM configurations

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### EXIDOR LIMITED

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3. This certification is designed to demonstrate compliance of the product or system specifically with Approved Document B (England and Wales), the Technical Handbooks (Scotland) and 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.
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 doorset shall be installed in accordance with BS 8214.
9. 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.

## CERTIFICATE No CF 114

### EXIDOR LIMITED

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

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

Class	Approved Door Type					
	IMM	MM	ITT	ITM	ITC	TM
FD20	✓*	✓*	✓	✗	✗	✗
FD30	✓*	✓*	✓	✗	✗	✗
FD60	✓*	✓*	✓	✗	✗	✗
FD90	✓*	✓*	✓	✗	✗	✗
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

**\*NOTE: closers shall be fitted to the fire risk face only of IMM/MM configurations**

## CERTIFICATE No CF 114

### EXIDOR LIMITED

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

11. Doors are classified as the following types:

**Type MM** - 20 minute to 240 minute doorsets that consist of metallic leaves in metallic frames that do not contain intumescent materials in the frame to leaf gap.

**Type IMM** - 20 minute to 240 minute doorsets that consist of metallic leaves in metallic frames that contain intumescent materials in the frame to leaf gap.

**Type ITT** - 20 minute to 120 minute doorsets containing intumescent seals and consisting of non-metallic faced and edged leaves hung in timber frames

**Type ITM** - 20 minute to 120 minute doorsets containing intumescent seals and consisting of non-metallic faced and edged leaves hung in metal frames.

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

#### Scope of Approval:

- All applications apply to unglazed doorsets and glazed doorsets incorporating an uninsulated glass panel size of less than 20% of the leaf area.
- The closer application is as referenced in the Classification code section below in accordance with EN 1154 and EN 1155.
- Closers shall be fitted to the fire risk face only of IMM/MM configurations

#### Classification codes

The approval provides the following classifications:

#### **Series 4800, 4830, 5800, 9800 and 9830**

<b>4</b>	<b>8</b>	<b>3 - 4</b>	<b>1</b>	<b>1</b>	<b>3</b>
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- Size 3 to 4 in projecting arm (Figure 1) with adjustable latch action
- Size 4 only in parallel arm (Figure 6) application with adjustable latch action

## CERTIFICATE No CF 114

### EXIDOR LIMITED

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

**Classification codes – Cont'd**

**Series 4930, 4900 & SP101**

<b>4</b>	<b>8</b>	<b>3 - 5</b>	<b>1</b>	<b>1</b>	<b>3</b>
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- 4930 & SP101 in projecting arm (Figure 1) only with adjustable latch action and backcheck
- 4900 in projecting arm (Figure 1) only with adjustable latch action

**Series 4930, 4900 & SP106**

<b>4</b>	<b>8</b>	<b>3 - 4</b>	<b>1</b>	<b>1</b>	<b>3</b>
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- 4930 & SP106 in parallel arm (Figure 6) application only with adjustable latch action and backcheck
- 4900 in parallel arm (Figure 6) application only with adjustable latch action

**Series 4870, 4880, 9870 and 9880**

<b>3</b>	<b>8</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>3</b>
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- Mounted in projecting arm (Figure 1) and parallel arm (Figure 6) applications only with adjustable latch action

**Series 9930, 9900**

<b>4</b>	<b>8</b>	<b>3 - 5</b>	<b>1</b>	<b>1</b>	<b>3</b>
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- 9930 in projecting arm (Figure 1) only with adjustable latch action and backcheck
- 9900 in projecting arm (Figure 1) only with adjustable latch action

**Series 9930, 9900**

<b>4</b>	<b>8</b>	<b>3 - 4</b>	<b>1</b>	<b>1</b>	<b>3</b>
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- 9930 in parallel arm (Figure 6) application only with adjustable latch action and backcheck
- 9900 in parallel arm (Figure 6) application only with adjustable latch action

*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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## CERTIFICATE No CF 114

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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).

Page 7 of 7 Signed  
E/002

A handwritten signature in black ink, appearing to read "Paul Hogg".

Issued: 22<sup>nd</sup> April 1991  
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