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## CERTIFICATE OF APPROVAL

### No CF 5075

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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 OJE**  
**Tel: 01543 578661 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 6000 Series Surface  
Mounted And Concealed  
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 CERTIFIRE



Sir Ken Knight  
Chairman - Management Council  
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Issued: 18<sup>th</sup> December 2013  
Valid to: 17<sup>th</sup> December 2018



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## CERTIFICATE No CF 5075

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#### EXIDOR 6000 SERIES SURFACE MOUNTED AND CONCEALED DOOR CLOSERS

1. This approval applies to the Exidor 6800 surface mounted overhead door closer and single action 6900 concealed door closer models but excludes any mechanical hold open variants. Both models are cam action, slide arm closers.
2. This certification is designed to demonstrate compliance of the product or system specifically with Approved Document B (England and Wales), Section 2 of the Technical Standards (Scotland), 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.
3. This approval relates to their use with the following door assemblies: -  
  
**6800 model surface mounted for use with single action 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).**  
  
**6800 and 6900 models for use with single action latched and unlatched, insulated and uninsulated, door assemblies consisting of metal faced and edged leaves in metal frames and having a fire resistance up to 240 minutes (Code IMM/MM).**  
  
**6900 model concealed mounted for single action 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 60 minutes (Code ITT).**
4. The closers are approved on the basis of:
  - i) Initial type testing to EN1154 and BS EN 1634-1: 2008
  - ii) An appraisal against TS34
  - iii) Certification of quality management system to ISO 9001: 2008.
  - iv) Inspection and surveillance of factory production control
  - v) On-going audit testing in accordance with EN 1154 requirements
5. This approval is applicable only to the specified closers mounted in slide arm configuration 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). Concealed closer models shall only be installed in conjunction with the intumescent protection detailed in the scope of approval.

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6. The approval relates to on-going production. The product and/or its immediate packaging are 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.
7. The following table shows acceptable doorset types and fire resistance periods for the surface mounted closer model 6800:

Class	Approved Door Type					
	IMM	MM	TT	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	✓	✓	✗	✗	✗	✗

See CERTIFIRE Technical Schedules for designation of doorset types i.e. ITT etc.

**Key:**

- ✓ - approved
- ✗ - Not approved

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8. The following table shows acceptable doorset types and fire resistance periods for the single action concealed mounted closer model 6900:

Class	Approved Door Type					
	IMM	MM	TT	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	✓	✓	✗	✗	✗	✗

See CERTIFIRE Technical Schedules for designation of doorset types i.e. ITT etc.

**Key:**

- ✓ - approved
- ✗ - Not approved



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#### EXIDOR 6000 SERIES SURFACE MOUNTED AND CONCEALED DOOR CLOSERS

##### Scope of Approval:

- Where surface mounted closers are to be fitted, doors may not include uninsulated glass above 20% of their total area.
- The closers may not be fitted to timber doorsets without intumescent protection.
- When fitted to timber based doorsets the concealed closer model 6900 shall be provided with a 1 mm thick lining of Interdens intumescent sheet material to all surfaces of the mortice cut into the head of the door leaf to accommodate the closer body and a 1 mm thick lining of the same material to all surfaces of the mortice cut into the head of the door frame to accommodate the closer slide channel for all 30 minute door applications. For 60 minute timber doorset applications they shall be provided with a 1 mm thick lining of Interdens intumescent sheet material to all surfaces of the mortice cut into the head of the door leaf to accommodate the closer body and a 2 mm thick lining of the same material to all surfaces of the mortice cut into the head of the door frame to accommodate the closer slide channel.
- For all concealed closer applications the door leaf shall have a minimum thickness of 44 mm for 30 minute applications and 54 mm for 60 minute applications. Door frames shall have a minimum density of 450 kg/m<sup>3</sup> for 30 minute doorsets and shall be of hardwood with a minimum density of 650 kg/m<sup>3</sup> for 60 minute doorsets.
- In all instances, doorsets intended to be fitted with the concealed 6900 closer assembly shall have previously demonstrated their fire resistance performance with fitted with a similar sized concealed closer assembly mounted in the head of the door leaf.

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**EXIDOR 6000 SERIES SURFACE MOUNTED AND CONCEALED DOOR CLOSERS**

**Classification codes**

This approval provides the following classifications for the closers:

6800 single action surface mounted –leaf mounted body, pull side

<b>3</b>	<b>8</b>	<b>4</b> <b>3</b>	<b>1</b>	<b>1</b>	<b>2</b>
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6900 single action concealed mounted - standard mounted in leaf head

<b>3</b>	<b>8</b>	<b>4</b> <b>3</b>	<b>1</b>	<b>1</b>	<b>2</b>
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**Further Information**

Further information regarding the details contained in this certificate may be obtained from Exidor Limited (Tel: 01543 578661).

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