
CERTIFICATE OF APPROVAL

No CF 114

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:

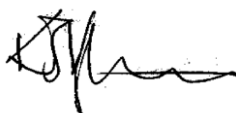
CERTIFIED PRODUCT

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



Sir Ken Knight
Chairman
Impartiality Committee



Paul Duggan
Certification Manager



Issued: 22nd April 1991
Revised: 21st September 2016
Valid to: 28th 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 relates to the use of EXIDOR Series 4000, 5000, 9000, SP101 and SP106 overhead mounted door closing devices, in contributing to the fire resistance performance of timber based doorsets, as defined by BS EN 1634-1 or BS 476: Part 22: 1987, for periods between 30 and 120 minutes integrity. The range of closers comprises of fixed and adjustable power, with or without backcheck facilities and with or without electromagnetic hold open, for use in projecting and parallel arm arrangements (for the applications listed in the Scope of Approval only). Subject to the undermentioned conditions, the doorsets will meet the relevant requirements of BS 9999 for doorsets when used in accordance with the provisions therein.
2. This certification is designed to demonstrate compliance of the product or system specifically with Approved Document B (England and Wales), Section D 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. 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
4. This approval is applicable only to overhead closers having a minimum power size 3 in accordance with EN 1154.
5. This approval does not cover models with a mechanical hold open facility.
6. This certification relates to the following closers:

| Closer Reference | |
|------------------|-------|
| 4800 | 9830 |
| 4830 | 9870 |
| 4870 | 9900 |
| 4900 | 9930 |
| 4930 | SP101 |
| 5800 | SP106 |
| 9800 | |

CERTIFICATE No CF 114

EXIDOR LIMITED

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

7. 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**

8. The above closers may only be fitted to previously tested door assemblies when fitted in the manner described in this certificate and when particular aspects of the door assembly are maintained.
9. The closers shall only be fitted using the fixings supplied by the closer manufacturer.
10. The doorset, including door frame and associated building hardware, should be either CERTIFIRE approved for the relevant application and classification or the doorset, including door frame and associated building hardware, should have achieved at least the period of fire resistance required for the application when tested, as required, or subsequently assessed to EN 1634-1 or BS 476: Part 22: 1987. In either case, regard should be paid to the maximum door mass permitted to be used with the closer (see classifications).
11. The doorset shall be installed in accordance with BS 8214.
12. The approval relates to on-going 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

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

| Class | Approved Door Type | | | | | | |
|--------|--------------------|----|----|-----|-----|-----|----|
| | IMM | MM | TT | 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

14. 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 TT - 20 minute doorsets that consist of non-metallic leaves in timber frames that do not 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:

- The closer may be fitted to doorsets without intumescent protection for up to 20 minutes integrity.
- 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

| | | | | | |
|----------|----------|--------------|----------|----------|----------|
| 4 | 8 | 3 - 4 | 1 | 1 | 3 |
|----------|----------|--------------|----------|----------|----------|

- Size 3 to 4 in regular application with adjustable latch action
- Size 4 only in parallel arm 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 4870

| | | | | | |
|---|---|---|---|---|---|
| 3 | 8 | 4 | 1 | 1 | 3 |
|---|---|---|---|---|---|

- Mounted in regular arm and parallel arm applications only with adjustable latch action

Series 4930, 4900 & SP101

| | | | | | |
|---|---|-------|---|---|---|
| 4 | 8 | 3 - 5 | 1 | 1 | 3 |
|---|---|-------|---|---|---|

- 4930 & SP101 in regular application only with adjustable latch action and backcheck
- 4900 in regular application only with adjustable latch action

Series 4930, 4900 & SP106

| | | | | | |
|---|---|-------|---|---|---|
| 4 | 8 | 3 - 4 | 1 | 1 | 3 |
|---|---|-------|---|---|---|

- 4930 & SP106 in parallel arm application only with adjustable latch action and backcheck
- 4900 in parallel arm application only with adjustable latch action

Series 9870

| | | | | | |
|---|---|---|---|---|---|
| 3 | 8 | 4 | 1 | 1 | 3 |
|---|---|---|---|---|---|

- Mounted regular arm and parallel arm applications only with adjustable latch action

Series 9930, 9900

| | | | | | |
|---|---|-------|---|---|---|
| 4 | 8 | 3 - 5 | 1 | 1 | 3 |
|---|---|-------|---|---|---|

- 9930 in regular application only with adjustable latch action and backcheck
- 9900 in regular application only 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 9930, 9900

| | | | | | |
|----------|----------|--------------|----------|----------|----------|
| 4 | 8 | 3 - 4 | 1 | 1 | 3 |
|----------|----------|--------------|----------|----------|----------|

- 9930 in parallel arm application only with adjustable latch action and backcheck
- 9900 in parallel arm application only with adjustable latch action

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

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