



CERTIFICATE OF APPROVAL

No CF 5023

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

BOSS DOOR CONTROLS

4 RUTHERFORD SQUARE, BRUCEFIELD INDUSTRY PARK,
LIVINGSTON, WEST LOTHIAN, EH54 9BU
UNITED KINGDOM

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
BOSS TS7.004

TECHNICAL SCHEDULE
TS 34 - 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: 3rd November 2011
Re-issued: 15th October 2024
Valid to: 24th October 2027



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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 TS7.004 overhead door closers models but excludes mechanical hold open variants. The series incorporates an electrically powered hold open facility and free swing functions. The approval applies to the following range only:

Reference	Description
TS7.004	Hold Open & Free-Swing

3. The approval applies to the following 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
TS7.004	✓	✓	✓	✗	✗	✗	✗

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.

4. This approval relates to its use with the following door assemblies: -
Latched and unlatched, intumescent sealed door assemblies consisting of timber faced and edged leaves with timber, cellulosic cores in timber frames having a fire resistance up to 120 minutes (CERTIFIRE Code ITT).
5. The closer is approved on the basis of:
 - i) Initial type testing to EN1154, EN1155 and BS EN 1634-1.
 - ii) An appraisal against TS34
 - iii) Inspection of quality management system
 - iv) Inspection and surveillance of factory production control
 - v) Ongoing audit testing in accordance with EN 1154 requirements
6. 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).
7. The closers shall be fixed with screws supplied by the closer manufacturer. Bolt-through fixings shall not be used.



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8. 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.
9. Timber based doorset shall be installed in accordance with BS 8214.
10. 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.
11. The following table show acceptable doorset types and fire resistance periods:

Class	Approved Door Type			
	IMM	MM	ITT	ITM
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

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12. Doors are categorised as the following types:

Code ITT - 20 minute to 120 minute doorsets or door assemblies incorporating intumescent perimeter seals and consisting of timber faced and edged leaves with timber or cellulosic cores, hung in timber or cellulosic frames.

Code ITM - 20 minute to 120 minute doorsets or door assemblies door assemblies incorporating intumescent perimeter seals and consisting of timber faced and edged leaves with timber or cellulosic cores, hung in steel frames.

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

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

Limitations 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 closers may not be fitted to timber doorsets without perimeter intumescent fire seals to the frame rebate or door edge.
- Mechanical hold open option is not approved.
- Standard arm (door or transom mounted) and S2 brackets (Fig. 6) are approved.
- The following functions are supported by this certification:

Closer Ref.	Application	Latch Control	Backcheck	Delayed-Action
TS7.004	Hold Open & Free-Swing Projecting arm (Fig. 1)	Yes	No	No
TS7.004	Hold Open & Free-Swing Projecting arm (Fig. 61)	Yes	No	No
TS7.004	Hold Open & Free-Swing Parallel arm (Fig. 6)	Yes	No	No

Classification codes

This approval provides the following EN1155 classifications for the closers listed above:

TS7.004 mounted in regular projecting arm Fig. 1 application and transom mounted Fig. 61 - maximum 180° (Size 3) and 110° (Size 4) opening, with adjustable latch action:

3	8	4/3	1	1	3
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TS7.004 mounted in parallel arm applications with adjustable latch action:

3	8	3	1	1	3
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Further Information

Further information regarding the details contained in this certificate may be obtained Boss Door Controls (Tel: 01506 467477).

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

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