



CERTIFICATE OF APPROVAL

No CF 111

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

ALLEGION (UK) LIMITED

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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

Briton 2000 and 2100 Series
Overhead Door Closers.

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: 30th November 1998
Revised: 7th October 2022
Valid to: 12th July 2025



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BRITON 2000/2100 SERIES OVERHEAD DOOR CLOSERS

1. This approval relates to the following door closing devices and configurations:

Briton Product References	Table 1						
	Link-arms			Slide arms			
	Projecting arm (Fig. 1) Body door mounted on pull face	Projecting arm (Fig. 61) Body transom mounted on push face	Parallel arm (Fig. 6) Body door mounted on push face	Body door mounted on pull face	Body transom mounted on push face	Body door mounted on push face	Body transom mounted on pull face
2003	✓	✓	✓	✗	✗	✗	✗
2003V	✓	✓	✓	✗	✗	✗	✗
2130B.C	✓	✓	✓	✗	✗	✗	✗
2130B.T.C	✗	✗	✗	✓	✗	✗	✗
2130B.TE.C	✗	✗	✗	✓	✗	✗	✗

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.

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 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)

Latched and unlatched, door assemblies consisting of predominantly steel faced and edged leaves in steel frames, uninsulated for the required classification period, with or without intumescent sealing, and having a fire resistance up to 240 minutes (Codes MM & IMM) with closers fitted to the fire risk face only*

***The closer must not be used in this application where a specific direction of fire exposure for the doorset cannot be identified**



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3. 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.
4. The closers are approved on the basis of:
 - i) Initial type testing to EN1154/1155 and BS EN 1634-1
 - ii) An appraisal against TS34
 - iii) Certification of quality management system
 - iv) Inspection and surveillance of factory production control
 - v) On-going audit testing in accordance with EN 1154 requirements
5. The closers shall be fixed to ITT doorsets with screws supplied by the closer manufacturer. Bolt-through fixings shall not be used.
6. 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.
7. 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).
8. ITT doorsets shall be installed in accordance with BS 8214.
9. 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

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10. The following tables show acceptable doorset types and fire resistance periods:

Class	Approved Door Type			
	MM	IMM	ITT	ITM
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 doors and frames only
- ✓# - Fitted to the fire risk face only of Uninsulated steel-based doors and frames only
- ✓*# - Fitted to Fully-insulated steel-based doors and frames, or the fire risk face only of Uninsulated steel-based doors and frames



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11. 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 MM - 20 minute to 120 minute doorsets consisting of uninsulated or insulated predominantly steel leaves, hung in steel frames without intumescent seals.

Code IMM - 20 minute to 120 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
- All closer models are only approved in the fitting applications detailed with their classification codes.
- The closers may not be fitted to timber doorsets without perimeter intumescent fire seals to the frame rebate or door edge.
- Closers are approved for use on both sides of fully insulated steel-based doorsets as defined by EN1634-1 or BS476-22
- Closers are approved for use on uninsulated steel-based doors and frames on the fire risk face only. The closer must not be used in this application where a specific direction of fire exposure for the doorset cannot be identified
- Mechanical Hold open option is not approved.

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Scope of Approval – Cont'd:

- The following functions are supported by this certification:

Table 3				
Closer Ref.	Applications	Latch Control	Backcheck	Delayed-Action
2003	All in Table 1	Yes	No	No
2003V	All in Table 1	Yes	Yes	No
2130B.C	All in Table 1	Yes	Yes	No
2130B.T.C	All in Table 1	Yes	Yes	No
2130B.TE.C	All in Table 1	Yes	Yes	No

Classification codes

This approval provides the following EN1154 classification for the closers listed above:

Briton 2003 - Mounted in regular (Figure 1):

4	8	3	1	1	3
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Briton 2003 - Transom mount push side (Figure 61) and Parallel arm (Figure 6) positions:

3	8	3	1	1	3
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Briton 2003V - Mounted in regular (Figure 1) position only:

4	8	4 2	1	1	3
---	---	--------	---	---	---

Briton 2003V - Parallel arm (Figure 6) positions:

3	8	3 1	1	1	3
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Briton 2003V - Transom mount push side (Figure 61) position only:

3	8	4 2	1	1	3
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Classification codes - Continued

Briton 2130B.C - Mounted in regular (figure 1) and transom (Figure 61) position:

4	8	6 2	1	1	3
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Briton 2130B.C - Mounted in parallel arm (Figure 6) application:

4	8	5 1	1	1	3
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Briton 2130B.T.C – Slide arm with Body door mounted on pull face position only:

3	8	4 2	1	1	3
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Briton 2130B.TE.C - Slide arm with Body door mounted on pull face position only:

3	8	4 3	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).

Further Information

Further information regarding the details contained in this certificate may be obtained from Allegion (UK) Limited (Tel: +44 (0) 121 380 2400).

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