



CERTIFICATE OF APPROVAL

No CF 738

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 2700 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: 7th April 2010
Reissued: 3rd August 2020
Valid to: 2nd August 2025



Page 1 of 6
K/002



CERTIFICATE No CF 738 ALLEGION (UK) LIMITED

BRITON 2700 SERIES OVERHEAD DOOR CLOSERS

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

	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
2720BD.T	x	x	x	✓	✓	x	x
2721BD.T	x	x	x	x	x	✓	✓
2720BD.TE	x	x	x	✓	x	x	x
2721BD.TE	x	x	x	x	x	✓	x

Key: ✓ - approved x - 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 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 .
3. 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 (CERTIFIRE Code - ITT)

Latched and unlatched, door assemblies consisting of metal faced and edged leaves in metal frames, fully-insulated for the required classification period, with or without intumescent sealing, and having a fire resistance up to 60 minutes (Codes MM & IMM)



CERTIFICATE No CF 738 ALLEGION (UK) LIMITED

BRITON 2700 SERIES OVERHEAD DOOR CLOSERS

4. The closer is approved on the basis of:
 - i) Initial type testing to EN1154 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
5. The closers shall be fixed 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. The closers shall only be fitted to ITC doorsets which have previously been shown capable of accommodating the installation of surface mounted overhead closers at the head of the doorset, without detriment to the doorset's performance.
8. 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).
9. 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 738 ALLEGION (UK) LIMITED

BRITON 2700 SERIES OVERHEAD DOOR CLOSERS

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

Class	Approved Door Type				
	MM	IMM	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	✗	✗	✗	✗	✗

Key:

- ✓ - approved
- ✗ - Not approved
- ✓* - Fully-insulated steel-based doorsets only.



CERTIFICATE No CF 738 ALLEGION (UK) LIMITED

BRITON 2700 SERIES OVERHEAD DOOR CLOSERS

11. Doors are classified as the following types:

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:

- The following functions are supported by this certification:

Closer Ref.	Application	Backcheck	Delayed-Action
2720BD.T	Body door mounted on pull face	Yes	Yes
2720BD.T	Body transom mounted on push face	Yes	No
2721BD.T	Body door mounted on push face	Yes	Yes
2721BD.T	Body transom mounted on pull face	Yes	Yes
2720BD.TE	Body door mounted on pull face	Yes*	Yes*
2721BD.TE	Body door mounted on push face	Yes*	Yes*

*Based on previous successful EN1154 testing

- Approval covers the use of both 'A line' and 'Softline' covers
- 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 only approved for use on steel-based doorsets that are fully-insulated for the required classification period as defined by EN1634-1.
- Mechanical Hold open option is not approved.

Page 5 of 6 Signed
K/002

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CERTIFICATE No CF 738 ALLEGION (UK) LIMITED

BRITON 2700 SERIES OVERHEAD DOOR CLOSERS

Classification codes

This approval provides the following classifications for the closers in accordance with EN 1154:

Briton 2720BD. T & 2721BD.T door mount pull side & transom mount pull side application:

4	8	5 2	1*	1	3
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Briton 2720BD.T in transom mount push side application:

3	8	4 2	1*	1	3
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Briton 2721BD.T in door mount push side application:

3	8	5 2	1*	1	3
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This approval provides the following classifications for the closers in accordance with EN 1155:

Briton 2720BD.TE & 2721BD.TE. door mount pull side & door mount push side applications:

3	8	5 3	1*	1	3
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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).