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## CERTIFICATE OF APPROVAL

### No CF 738

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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

## ALLEGION (UK) LIMITED

35 Rocky Lane, Aston, Birmingham, B6 5RQ, UK  
+44 (0) 121 380 2400

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

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 Exova (UK) Limited trading as  
Warrington Certification



Paul Duggan  
Certification Manager

Issued: 7<sup>th</sup> April 2010  
Revised: 18<sup>th</sup> December 2017  
Valid to: 14<sup>th</sup> July 2020

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## CERTIFICATE No CF 738 ALLEGION (UK) LIMITED

### BRITON 2700 SERIES OVERHEAD DOOR CLOSERS

1. This approval relates to Briton Series of closers, specifically those models referenced 2720BD.T.A, 2721BD.T.A, 2720BD.TE.A and 2721BD.TE.A which are overhead mounted door closing devices with adjustable power, adjustable latch action, back check and delay (as indicated later). This approval relates to the following overhead mounted door closing devices and configurations:

	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 (Fig. 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
<b>2720BD.T.A</b>	✘	✘	✘	✓	✓	✘	✘
<b>2721BD.T.A</b>	✘	✘	✘	✘	✘	✓	✓
<b>2720BD.TE.A</b>	✘	✘	✘	✓	✓	✘	✘
<b>2721BD.TE.A</b>	✘	✘	✘	✘	✘	✓	✓

**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 certification is designed to demonstrate compliance of the product or system specifically with Approved Document B (England and Wales), the Technical Handbooks (Scotland) and 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:-

**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)**

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## CERTIFICATE No CF 738

### ALLEGION (UK) LIMITED

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#### 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. 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. 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.

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### BRITON 2700 SERIES OVERHEAD DOOR CLOSERS

9. 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.

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#### BRITON 2700 SERIES OVERHEAD DOOR CLOSERS

10. 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:

- Doors may not include uninsulated glass above 20% of their total area.
- All closer models are only approved in the fitting applications detailed with their classification codes.
- The closer may not be fitted to timber doorsets without leaf/frame edge intumescent protection.
- Closers are only approved for use on steel-based doorsets that are fully-insulated for the required classification period.
- Mechanical Hold open option is not approved.

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**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:**

<b>4</b>	<b>8</b>	<b>5 3</b>	<b>1*</b>	<b>1</b>	<b>3</b>
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- Briton 2720BD. T.A Size 3 to 5 in standard door mount pull side application with adjustable latch, back check and delay.
- Briton 2720BD.T.A Size 3 to 4 in transom mount push side application with adjustable latch and back check.
- Briton 2721BD.T.A Size 3 to 5 in transom mount pull side application with adjustable latch, back check and delay.
- Briton 2721BD.T.A Size 3 to 5 in door mount push side application with adjustable latch, back check and delay.

**In accordance with EN 1155:**

<b>3</b>	<b>8</b>	<b>5 3</b>	<b>1*</b>	<b>1</b>	<b>3</b>
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- Briton 2720BD.TE.A Size 3 to 5 in standard door mount pull side application with adjustable latch, back check and delay.
- Briton 2720BD.TE.A Size 3 to 4 in transom mount push side application with adjustable latch & back check.
- Briton 2721BD.TE.A Size 3 to 5 in transom mount pull side application with adjustable latch, back check and delay.
- Briton 2721BD.TE.A Size 3 to 5 in door mount push side application with adjustable latch, back check and delay.

**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).