
CERTIFICATE OF APPROVAL

No CF 388

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

Allegion (UK) LTD

35 Rocky Lane, Aston Birmingham, B6 5RQ
TEL: 0121 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:

CERTIFIED PRODUCT

Briton 1100 Series Overhead
Door Closers referenced 1110,
1110T, 1120B, 1130B, 1130B.T,
1130B.TE and Laidlaw
31 891, 31 892, 31 807 &
31 808

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: 12th November 2004
Revised: 19th July 2018
Valid to: 30th October 2019

Page 1 of 6



CERTIFICATE No CF 388 ALLEGION (UK) LIMITED

BRITON 1100 SERIES AND LAIDLAW OVERHEAD DOOR CLOSERS

1. Briton 1100 series and Laidlaw closers are overhead mounted door closing devices. The approval relates to the following specific closers:

	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
Briton 1110	✓	✓	✓	✗	✗	✗	✗
Briton 1110T	✗	✗	✗	✓	✓	✗	✓
Briton 1120B	✓	✓	✓	✗	✗	✗	✗
Briton 1130B	✓	✗	✓	✗	✗	✗	✗
Briton 1130B.T	✗	✗	✗	✓	✓	✗	✓
Briton 1130B.TE	✗	✗	✗	✓	✗	✗	✗
Laidlaw 31 891	✓	✓	✓	✗	✗	✗	✗
Laidlaw 31 892	✓	✗	✓	✗	✗	✗	✗
Laidlaw 31 807	✓	✓	✓	✗	✗	✗	✗
Laidlaw 31 808	✓	✗	✓	✗	✗	✗	✗

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 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 240 minutes (Codes MM & IMM)

CERTIFICATE No CF 388

ALLEGION (UK) LIMITED

BRITON 1100 SERIES AND LAIDLAW OVERHEAD DOOR CLOSERS

3. 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.
4. The closers are approved on the basis of:
 - i) Initial type testing to EN1154, EN 1155 and BS EN 1634-1
 - ii) An appraisal against TS34
 - iii) Certification of quality management system to ISO 9001: 2008.
 - iv) Inspection and surveillance of factory production control
 - v) On-going audit testing in accordance with EN 1154 requirements
4. The closers shall be fixed with screws supplied by the closer manufacturer. Bolt-through fixings shall not be used.
5. 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.
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 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 388 ALLEGION (UK) LIMITED

BRITON 1100 SERIES AND LAIDLAW OVERHEAD DOOR CLOSERS

8. The following table shows 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 doors and frames only

**CERTIFICATE No CF 388
ALLEGION (UK) LIMITED**

BRITON 1100 SERIES AND LAIDLAW OVERHEAD DOOR CLOSERS

9. 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 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.
- The closer may not be fitted to timber doorsets without leaf/frame edge intumescent protection.
- Closers are only approved for use with steel-based doors and frames that are fully-insulated for the required classification period.
- Mechanical Hold open option is not approved
- Closers are approved for use with the 'Trimplate', 'Classic Cover' and 'Soft Line Cover' options in all applications.

Classification codes

This approval provides the following classifications for the closer models listed below:

Briton 1110 – Projecting arm figure 1 and transom mounted Figure 61:

3	8	4 3	1	1	3
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Briton 1110 – Parallel arm Figure 6:

3	8	3	1	1	3
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**CERTIFICATE No CF 388
ALLEGION (UK) LIMITED**

BRITON 1100 SERIES AND LAIDLAW OVERHEAD DOOR CLOSERS

Classification codes - Continued

Briton 1110T: Slide arm - Body door mounted pull face, transom mounted pull face and transom mounted push face:

4	8	3	1	1	3
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Briton 1120B, Laidlaw 31 891 and 31 807 - Projecting arm figure 1 and transom mounted Figure 61, and parallel arm Figure 6:

4	8	4 3	1	1	3
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Briton 1130B, Laidlaw 31 892 and 31 808– Projecting arm figure 1 and transom mounted Figure 61:

4	8	6 3	1	1	3
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Briton 1130B, Laidlaw 31 892 and 31 808 -Transom mounted Figure 61:

4	8	5 3	1	1	3
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Briton 1130B.T Slide arm - Body door mounted pull face, transom mounted pull face and transom mounted push face:

4	8	4 3	1	1	3
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Briton 1130B.TE - Slide arm - Body door mounted pull face:

3	8	4 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: 0121 380 2400).

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