

CERTIFICATE OF APPROVAL No CF 390

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, United kingdom Tel: +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:

CERTIFIED PRODUCT
Briton 121CE.XXX 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: 19th August 2005 Revised: 4th June 2020 Valid to: 5th June 2023

Page 1 of 6





BRITON 121CE.XXX 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
121CE.XXX	✓	✓	✓	*	×	×	*

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 (CERTIFIRE Code - ITT)

- 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 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

fol agg-

- iv) Inspection and surveillance of factory production control
- v) Ongoing audit testing in accordance with EN 1154 requirements
- 5. 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).

Page 2 of 6 Signed J/056



BRITON 121CE.XXX OVERHEAD DOOR CLOSERS

- 6. The closers shall be fixed with screws supplied by the closer manufacturer. Bolt-through fixings shall not be used.
- 7. 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.
- 8. 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.

Page 3 of 6 Signed J/056



BRITON 121CE.XXX OVERHEAD DOOR CLOSERS

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

	Approved Door Type					
Class	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	×	×	×	×	×	

Kev:

✓ - approved

Not approved

Page 4 of 6 Signed J/056

Pal ligg-



BRITON 121CE.XXX 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 approved with and without covers.
- Mechanical Hold open option is not approved.

Classification code

Projecting arm (Figure 1) application:

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

Projecting arm (Figure 61) and parallel arm (Figure 6) applications:

3	8	3	1	1	3

Page 5 of 6 Signed J/056



BRITON 121CE.XXX OVERHEAD DOOR CLOSERS

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).

Page 6 of 6 Signed J/056

Pel agg-