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## CERTIFICATE OF APPROVAL

### No CF 5957

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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

**ICSA SERRATURE SRL**  
**via Segheria 8/F 25062 Concesio (BS)**  
**TEL: 0039 030 2752641**

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**

**660, 670, 608-610 & 600 Surface  
Mounted 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: 26<sup>th</sup> February 2021  
Valid to: 21<sup>st</sup> October 2024



## CERTIFICATE No CF 5957 ICSA SERRATURE SRL

### 660, 670, 608-610 & 600 OVERHEAD DOOR 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
660	✓	✓	✓	✗	✗	✗	✗
670	✓	✓	✓	✗	✗	✗	✗
608	✓	✗	✗	✗	✗	✗	✗
609	✗	✓	✗	✗	✗	✗	✗
610	✗	✗	✓	✗	✗	✗	✗
600	✓	✓	✓	✗	✗	✗	✗

**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.*

1. 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).**
2. This certification is provided to the client for its 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. The closers are 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
4. The closers shall be fixed with screws supplied by the closer manufacturer. Bolt-through fixings shall not be used.

Signed  
J/056



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#### 660, 670, 608-610 & 600 OVERHEAD DOOR CLOSERS

5. Where the closers are fitted to door leaves or frames that are manufactured from mineral-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.

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### 660, 670, 608-610 & 600 OVERHEAD DOOR CLOSERS

8. The following tables show acceptable doorsets types and fire resistance periods:

Class	Approved Door Type				
	MM	IMM	ITT	ITM	ITC
FD20	x	x	✓	x	x
FD30	x	x	✓	x	x
FD60	x	x	✓	x	x
FD120	x	x	✓	x	x
FD240	x	x	x	x	x
E 20	x	x	✓	x	x
EI 20	x	x	✓	x	x
E 30	x	x	✓	x	x
EI 30	x	x	✓	x	x
E 60	x	x	✓	x	x
EI 60	x	x	✓	x	x
E 90	x	x	✓	x	x
EI 90	x	x	✓	x	x
E 120	x	x	✓	x	x
EI 120	x	x	✓	x	x
E 240	x	x	x	x	x
EI 240	x	x	x	x	x

**Key:**

- ✓ - approved
- x - Not approved

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### 660, 670, 608-610 & 600 OVERHEAD DOOR CLOSERS

9. 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 ITC** - 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 proprietary composite frames, of which the principal material is other than timber or metal but which may include any other materials.

**Code MM** - 20 to 240 minute doorsets consisting of uninsulated or insulated predominantly steel leaves, hung in steel frames without intumescent seals.

**Code IMM** - 20 to 240 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
- The closers may not be fitted to timber doorsets without perimeter intumescent fire seals within the frame rebate or door edge.
- Mechanical Hold open option is not approved
- The following functions are supported by this certification:

Closer Ref.	Application	Latch Control	Backcheck	Delayed-Action
660	All applications	Yes	No	No
670	All applications	Yes	No	No
608	Projecting arm (Fig. 1)	Yes	Yes	No
609	Projecting arm (Fig. 61)	Yes	No	No
610	Parallel arm (Fig. 6)	Yes	No	No
600	Projecting arm (Fig. 1) & Projecting arm (Fig. 61)	Yes	No	No
600	Parallel arm (Fig. 6)	No	No	No

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### 660, 670, 608-610 & 600 OVERHEAD DOOR CLOSERS

#### Classification Codes

660 when mounted in projecting arm (Figure 1):

4	8	5 2	1	1	3
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660 when mounted in transom mount (Figure 61):

3	8	5 2	1	1	3
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660 when mounted in parallel arm (Figure 6):

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

670 when mounted in projecting arm (Figure 1):

4	8	6 3	1	1	3
---	---	--------	---	---	---

670 when mounted in parallel arm (Figure 6) and transom mount (Figure 61):

3	8	5 3	1	1	3
---	---	--------	---	---	---

608 when mounted in projecting arm (Figure 1):

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

609 when transom mounted in projecting arm (Figure 61):

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

610 when mounted in parallel arm (Figure 6):

3	8	3	1	1	3
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660, 670, 608-610 & 600 OVERHEAD DOOR CLOSERS

**Classification Codes – Cont'd**

600 when mounted in projecting arm (Figure 1):

4	8	3	1	1	3
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600 when mounted in parallel arm (Figure 6) and transom mount (Figure 61):

3	8	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 data sheet may be obtained from ICSA SERRATURE SRL (Tel: +0039 030 2752641).

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

Signed  
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