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## CERTIFICATE OF APPROVAL

### No CF 741

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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

**Bescot Crescent, Walsall, WS1 4DL**  
**Tel: 01922 707400**

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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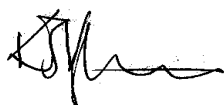
#### CERTIFIED PRODUCT

**Briton 5400 Contract  
 and 5500 Commercial  
 Series of Locks and  
 Latches**

#### TECHNICAL SCHEDULE

**TS23 The Contribution of  
 Locks and Latches to the  
 Performance of Fire  
 Resisting of Doorsets**

Signed and sealed for and on behalf of CERTIFIRE



Sir Ken Knight  
 Chairman - Management Council  
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Issued: 4<sup>th</sup> February 2010  
 Reissued: 16<sup>th</sup> April 2015  
 Valid to: 15<sup>th</sup> April 2020



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## CERTIFICATE No CF 741

### ALLEGION (UK) LIMITED

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#### Briton 5400 and 5500 Series of Locks and Latches

1. This approval applies only to the Briton 5400 and 5500 Series of locks and latches detailed later in this certificate.
2. This certification is designed to demonstrate compliance of the product or system specifically with Approved Document B (England and Wales), Section D of the Technical Standards (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 the use of the above locks/latches in contributing to the fire resistance performance of timber based or mineral composite insulated doorsets, for periods of up to 60 minutes integrity and insulation, and steel based doorsets, for periods of up to 240 minutes integrity, as defined in EN 1634-1.
4. The locks and latches are approved on the basis of:
  - i) Initial type testing to EN12209 and BS EN 1634-1
  - ii) An appraisal against TS23
  - 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 TS23 requirements
5. This approval is applicable only to the specified locks/latches used with door assemblies of proven fire resistance (as defined in BS EN 1634-1 or BS 476: Part 22: 1987).
6. When fitted to timber based doorsets, intumescent protection shall be used. The required protection will be 1 mm thick mono-ammonium phosphate intumescent sheet around the lock case and behind the strike/keep plates and for all timber or mineral composite based doorset assemblies. Failure to install the protection will invalidate this certificate.
7. It is required that all 60 minute, insulated timber doorsets incorporate 3 mm thick, non-combustible, mineral based sub-facings.
8. 5400 Series locks shall only be fitted to proven unlatched doorset assemblies fitted with appropriate door closers.
9. The 5510.60 deadlock assembly does not incorporate a latching mechanism and shall only be fitted to proven unlatched doorset assemblies or door assemblies that are permanently locked.

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### Briton 5400 and 5500 Series of Locks and Latches

10. The locks/latches should not be fitted higher than 1100 mm from the finished floor level of the surrounding floors.
11. The doorset shall be installed in accordance with BS 8214: 2008.
12. The following table shows acceptable doorset types and fire resistance periods:

Class	Approved Door Type						
	IMM	MM	TT	ITT	ITM	ITC	TM
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	✓	✓	✗	✗	✗	✗	✗

See CERTIFIRE Technical Schedules for designation of doorset types i.e. ITT etc.

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### Briton 5400 and 5500 Series of Locks and Latches

Approved lock/latch models

Lock/Latch Reference	Description	Classification to EN 12209: 2003										
		3	H	8	1	0	F	2	B	C	0	0
5410.60	Cylinder Deadlock	3	H	8	1	0	F	2	B	C	0	0
5420.60	Cylinder Sashlock	3	H	8	1	0	F	2	B	C	2	0
5430.60	Bathroom Lock	3	H	8	1	0	F	-	B	0	2	0
5440.60	Latch	3	H	8	1	0	F	-	B	0	2	0
5510.60	Cylinder Deadlock	3	X	8	1	0	G	4	B	A	0	0
5520.60	Cylinder Sashlock	3	X	8	1	0	G	4	B	A	2	0
5530.60	Bathroom Lock	3	X	8	1	0	G	-	B	0	2	0
5535.60	Bathroom Deadlock	3	X	8	1	0	G	-	B	0	0	0
5540.60	Latch	3	X	8	1	0	G	-	B	0	2	0
5555.60	Nightlatch	3	X	8	1	0	G	-	B	0	2	0
5560.60	Escape Sashlock	3	X	8	1	0	G	4	B	A	2	0

All variations including round (R) or square (S) forends and satin stainless steel (SS), polished stainless steel (PS) or plated brass (PB) finishes are acceptable.

#### Further Information

Further information regarding the details contained in this certificate may be obtained from Allegion (UK) Limited (Tel: 01922 707400).

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