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## CERTIFICATE OF APPROVAL

### No CF 144

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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

## GEZE UK LIMITED

**Blenheim Way, Fradley Park, Lichfield, WS13 8SY**  
**Tel: 01543 443000 Fax: 01543 443021**

Have been assessed against the requirements of the Technical Schedule(s)  
 denoted below and are approved for use subject to the conditions  
 appended hereto:

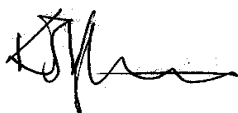
### CERTIFIED PRODUCT

**TS1000, TS1200,  
 TS1500 and TS1500 BC  
 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 CERTIFIRE



Sir Ken Knight  
 Chairman - Management Council

Issued: 1<sup>st</sup> May 1997  
 Revised: 20<sup>th</sup> March 2013  
 Valid to: 15<sup>th</sup> December 2016

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## CERTIFICATE No CF 144

### GEZE UK LIMITED

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#### TS1000, TS1200, TS1500 and TS1500 BC OVERHEAD DOOR CLOSERS

1. This approval relates to Geze TS1000, TS1200, TS1500 and TS1500 BC closers which are overhead mounted door closing devices.
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 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).**
4. The closers are approved on the basis of:
  - i) Initial type testing to EN1154 and BS EN 1634-1: 2000
  - ii) An appraisal against TS34
  - iii) Certification of quality management system to ISO 9001: 2000.
  - 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 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).
6. 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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**TS1000, TS1200, TS1500 and TS1500 BC OVERHEAD DOOR CLOSERS**

7. The following table shows acceptable doorset types and fire resistance periods:

Class	Approved Door Type					
	IMM	MM	TT	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	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	x
EI 240	x	x	x	x	x	x

**Key:**

- ✓ - approved
- x - Not approved

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

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**TS1000, TS1200, TS1500 and TS1500 BC OVERHEAD DOOR CLOSERS**

**Limitations of Approval:**

Door leaves may not include uninsulated glass above 20% of their total area.  
 The closers may not be fitted to timber doorsets without intumescent protection.  
 The closers referenced TS1000 and TS1200 may only be fitted in projecting arm (Figure 1) and transom mount (Figure 61) configurations.

**Classification codes**

This approval provides the following classifications for the closers listed above:

**TS1000, TS1200** mounted in projecting arm (Figure 1) and transom mount (Figure 61) configurations only

4	8	4 3	1	1	4
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**TS1500, TS1500 BC** mounted in projecting arm (Figure 1) and transom mount (Figure 61) configurations only

4	8	4 3	1	1	3
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**TS1500, TS1500 BC** mounted in parallel arm (Figure 6) configuration

4	8	3	1	1	3
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**Further Information**

Further information regarding the details contained in this data sheet may be obtained from GEZE UK (Tel: 01543 443000).

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

