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## CERTIFICATE OF APPROVAL

### No CF 410

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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

## UNION ARCHITECTURAL HARDWARE

School Street, Willenhall, West Midlands, WV13 3DU

Tel: 01902 366911

Fax: 01902 366256

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

J-CE24V, J-N8824, J-N8824BC &  
J-N8825 Overhead Closers

#### TECHNICAL SCHEDULE

TS34 - 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:  
Reissued:  
Valid to:

27<sup>th</sup> October 2005  
22<sup>nd</sup> October 2018  
31<sup>st</sup> July 2019



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### UNION ARCHITECTURAL HARDWARE

#### J-CE24V, J-N8824, J-N8824BC and J-N8825 Overhead Closers

1. This approval applies to J-N8824, J-N8824BC and J-N8825 rack and pinion, overhead door closer, with link-arms, but excludes any mechanical hold open variants. The closers have an adjustable latch action, and the J-N8824BC and J-N8825 have an additional with backcheck function. The approval applies to the following configurations:

	J-N8824	J-N8824BC	J-N8825	J-CE24V
<b>Link-arms</b>				
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>	✓	✓	✓	✓
<b>Slide arms</b>				
Body door mounted on pull face	✗	✗	✗	✗
Body transom mounted on push face	✗	✗	✗	✗
Body door mounted on push face	✗	✗	✗	✗
Body transom mounted on pull face	✗	✗	✗	✗

**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 its 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).**
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.

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#### J-CE24V, J-N8824, J-N8824BC and J-N8825 Overhead Closers

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
  - 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).
6. The approval relates to ongoing 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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J-CE24V, J-N8824, J-N8824BC and J-N8825 Overhead Closers

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

Class	Approved Door Type				
	IMM	MM	ITT	ITM	ITC
FD20	x	x	✓	x	x
FD30	x	x	✓	x	x
FD60	x	x	✓	x	x
FD90	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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## UNION ARCHITECTURAL HARDWARE

**J-CE24V, J-N8824, J-N8824BC and J-N8825 Overhead Closers**

8. 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 closers may not be fitted to timber doorsets without intumescent protection
- This certification excludes any mechanical hold open variants

**Classification codes**

The above approval provides the following classification for the door closers:

J-CE24V, J-N8824, J-N8824BC – projecting arm (Figure 1 and Figure 61), and parallel arm (Figure 6):

3	8	4 3	1	1	3
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J-N8825 – projecting arm (Figure 1 and Figure 61), and parallel arm (Figure 6):

3	8	5 3	1	1	3
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**J-CE24V, J-N8824, J-N8824BC and J-N8825 Overhead Closers**

**Further Information**

Further information regarding the details contained in this certificate may be obtained from UNION Architectural Hardware (Tel: 01902 366911).

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

Page 6 of 6 Signed  
J/071

A handwritten signature in black ink, appearing to read "Paul Hogg".

Issued: 27<sup>th</sup> October 2005  
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