



---

## CERTIFICATE OF APPROVAL

### No CF 5549

---

This is to certify that, in accordance with  
TS00 General Requirements for Certification of Fire Protection Products  
The undermentioned products of

**ERA HOME SECURITY LTD T/A ZOO HARDWARE**  
Unit B, Kingmoor Park North, Carlisle, Cumbria, CA6 4SH  
Tel: 01228 672 900

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

Vier Precision Design VDC003,  
VDC0024A1, VDC0025 &  
VDC0036 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: 30<sup>th</sup> June 2017  
Reissued: 16<sup>th</sup> June 2022  
Valid to: 15<sup>th</sup> June 2027



## CERTIFICATE No CF 5549

### ERA HOME SECURITY LTD T/A ZOO HARDWARE

Vier Precision Design VDC003, VDC0024A1, VDC0025 & VDC0036 surface mounted overhead door closers

1. The approval applies to the following configurations:

	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
VDC003	✓	✓	✓	✗	✗	✗	✗
VDC0024A1	✓	✓	✓	✗	✗	✗	✗
VDC0025	✓	✓	✓	✗	✗	✗	✗
VDC0036	✓	✓	✓	✗	✗	✗	✗

**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: -

**All closers - 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).**

**VDC003 and VDC0025 closers only - Latched and unlatched, door assemblies consisting of predominantly steel faced and edged leaves in steel frames, fully-insulated for the required classification period as defined by EN1634-1 or BS476-22, with or without intumescent sealing having a fire resistance up to 240 minutes (Code IMM/MM)\*.**

**VDC003 and VDC0025 closers only - Latched and unlatched, door assemblies consisting of predominantly steel faced and edged leaves in steel frames, uninsulated for the required classification period, with or without intumescent sealing, and having a fire resistance up to 240 minutes (Codes MM & IMM) with closers fitted to the fire risk face only\***

***\*The closer must not be used in this application where a specific direction of fire exposure for the doorset cannot be identified***



---

## CERTIFICATE No CF 5549

### ERA HOME SECURITY LTD T/A ZOO HARDWARE

---

**Vier Precision Design VDC003, VDC0024A1, VDC0025 & VDC0036 surface mounted overhead door closers**

3. 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.
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 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-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. Timber based doorset shall be installed in accordance with BS 8214.
9. 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.



## CERTIFICATE No CF 5549

### ERA HOME SECURITY LTD T/A ZOO HARDWARE

Vier Precision Design VDC003, VDC0024A1, VDC0025 & VDC0036 surface mounted overhead door closers

10. The following table show acceptable doorset types and fire resistance periods for the VDC003 and VDC0025:

Class	Approved Door Type				
	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	✓*	✓*	✗	✗	✗

**Key:**

- ✓ - approved
- ✗ - Not approved
- ✓\* - Fully-insulated steel-based doors and frames only
- ✓# - Fitted to the fire risk face only of Uninsulated steel-based doors and frames only
- ✓\*# - Fitted to Fully-insulated steel-based doors and frames, or the fire risk face only of Uninsulated steel-based doors and frames

Page 4 of 8 Signed  
J/205

Issued: 30<sup>th</sup> June 2017  
Reissued: 16<sup>th</sup> June 2022  
Valid to: 15<sup>th</sup> June 2027



# CERTIFICATE No CF 5549

## ERA HOME SECURITY LTD T/A ZOO HARDWARE

Vier Precision Design VDC003, VDC0024A1, VDC0025 & VDC0036 surface mounted overhead door closers

11. The following table show acceptable doorset types and fire resistance periods for the VDC0024A1 and VDC0036:

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



---

## CERTIFICATE No CF 5549

### ERA HOME SECURITY LTD T/A ZOO HARDWARE

---

**Vier Precision Design VDC003, VDC0024A1, VDC0025 & VDC0036 surface mounted overhead door closers**

12. 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 to the frame rebate or door edge.
- Approved for use with link-arms only.
- VDC003 and VDC0025 closers only are approved for use on both sides of steel-based doors and frames that are fully-insulated for the required classification period as defined by EN1634-1 or BS476-22.
- VDC003 and VDC0025 closers only are approved for use on uninsulated steel-based doors and frames, however the closers shall be fitted to the fire risk face only.
- **The closer must not be used in this application where a specific direction of fire exposure for the doorset cannot be identified**
- Hold open option is not approved.
- Standard arm brackets only are approved.

Page 6 of 8 Signed  
J/205

Issued: 30<sup>th</sup> June 2017  
Reissued: 16<sup>th</sup> June 2022  
Valid to: 15<sup>th</sup> June 2027

## CERTIFICATE No CF 5549

### ERA HOME SECURITY LTD T/A ZOO HARDWARE

Vier Precision Design VDC003, VDC0024A1, VDC0025 & VDC0036 surface mounted overhead door closers

**Scope of Approval – Cont'd:**

- The following functions are supported by this certification:

Closer Ref.	Application	Latch Control	Backcheck	Delayed-Action
VDC003	Projecting arm (Fig. 1)	Yes	No	No
VDC003	Parallel arm (Fig. 6) & Projecting arm - transom mounted (Fig. 61)	No	No	No
VDC0024A1	Projecting arm (Fig. 1)	Yes	Yes	No
VDC0024A1	Parallel arm (Fig. 6) & Projecting arm - transom mounted (Fig. 61)	Yes	No	No
VDC0025	Projecting arm (Fig. 1) & Projecting arm - transom mounted (Fig. 61)	Yes	No	No
VDC0025	Parallel arm (Fig. 6)	Yes	No	No
VDC0036	Projecting arm (Fig. 1)	Yes	No	No
VDC0036	Parallel arm (Fig. 6) & Projecting arm - transom mounted (Fig. 61)	Yes	No	No

**Classification codes:**

This approval provides the following classification for the VDC003 closer:

Projecting arm Figure 1:

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

Projecting arm Figure 61 and parallel arm Figure 6:

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





## CERTIFICATE No CF 5549

### ERA HOME SECURITY LTD T/A ZOO HARDWARE

Vier Precision Design VDC003, VDC0024A1, VDC0025 & VDC0036 surface mounted overhead door closers

#### Classification codes – Cont'd:

This approval provides the following classification for the VDC0024A1 closer:

Projecting arm Figure 1 and 6, and parallel arm Figure 6:

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

This approval provides the following classification for the VDC0025 closer:

Projecting arm Figure 1 and Figure 61:

3	8	2 5	1	1	3
---	---	--------	---	---	---

Parallel arm Figure 6:

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

This approval provides the following classification for the VDC0036 closer:

Projecting arm Figure 1:

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

Projecting arm Figure 61 and parallel arm Figure 6:

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

*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 certificate may be obtained from Zoo Hardware Ltd (Tel: 01228 672 900).

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