

CERTIFICATE OF APPROVAL No CS 5059

This is to certify that, in accordance with
STS200 General Requirements for Certification of Enhanced Security Products
The undermentioned products of

JELD-WEN (UK) LTD

Retford Road, Woodhouse Mill, Sheffield, S13 9WH, United
Kingdom
Tel: 0114 254 2000

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

44mm Securefit PAS24 Timber Doorset
(With Flush and Moulded Facings).
Laminated Core.

TECHNICAL SCHEDULE

STS201 - Enhanced security
requirements for doorsets to satisfy
the requirements of PAS24
(with Fire & Smoke performance)

CLASSIFICATION

Security	Weather	Strength	Material Specific	Fire	Smoke
PAS24 D	BS6375-1 800U	BS6375-2&3 Medium Duty	BS644	BS476-22 30mins	BS476-31.1 < 3 m ³ /m/h
Fire performance certified to TS10 under CERTIFIRE certificate CF 5965					

Signed and sealed for and on behalf of Warringtonfire Testing and Certification Limited

NPD = No performance determined



Paul Duggan
Certification Manager



Issued: 23rd October 2001
Revised: 19th December 2023
Valid to: 18th May 2026



CERTIFICATE No CS 5059 JELD-WEN (UK) LTD

JELD-WEN (UK) LTD – 44mm Securefit PAS24 Timber Doorset (With Flush and Moulded Facings). Laminated Core.

1. This certification is provided to the client for their own purposes and we cannot opine on whether it will be accepted by Building Control authorities or any other third parties for any purpose.
2. This approval relates to the use of the above in providing an enhanced security performance to PAS24:2016 Annex A & B, a weather performance of 800U to BS6375-1:2015, a mechanical strength performance of Medium Duty to BS6375-2:2009, an additional performance to BS6375-3:2009 Annex A & C, and a fire resistance performance of 30 minutes integrity and 30 minutes insulation as defined in BS 476: Part 22: 1987 and CERTIFIRE approved in accordance with TS10 under certificate CF 5965, and a smoke performance of less than 3 m³/h/m in accordance with BS 476-31.1:1983.
3. The doorsets are approved on the basis of:
 - i. Initial type testing against PAS24 & BS6375. Element Wednesbury test reports WIL 339311, WIL 324214, WIL 400005, WIL 380930, WIL 419084, WIL 419085, WIL 419086, WIL 436790, WIL 438151, WIL 432963-1, WIL 432964, WIL 432965 & WIL 432966. Warringtonfire test reports WYC 438014, WYC 501324 & WYC 516845.
 - ii. Audit testing at the frequency specified in STS 200 & STS 201 where relevant.
 - iii. A design appraisal against STS201 where relevant.
 - iv. Inspection and surveillance of factory production control at Retford Road, Woodhouse Mill, Sheffield, S13 9WH and Snow Hill, Melton Mowbray, LE13 1PD.
4. This approval is applicable to complete doorsets only.
5. This certification is designed to demonstrate compliance of the doorset specifically with PAS24, TS10 and the requirements of Secured by Design. If compliance is required to other regulatory or guidance documents there may be additional considerations or conflict to be taken into account.
6. This approval is applicable to single-leaf, unglazed, open-in or open-out doorsets with or without coupled sidelights & toplights with or without letterplates at leaf & frame dimensions up to those given in Table 1 & Table 2.

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JELD-WEN (UK) LTD – 44mm Securefit PAS24 Timber Doorset (With Flush and Moulded Facings). Laminated Core.

7. Approved hardware items are:
- 3no. JELD-WEN branded Cooke Brothers Grade 13 hinge 7730 (open-in or open out) or 3no. Zoo Hardware Grade 13 hinges ZHSS243 range (open-in only)
 - Fullex Crimebeater SL16 lock (open-in only) or
 - ERA Invincible MPL with centre hook 6935-3H-609-79ZA (ERA branded) & 6935-3H-629-79ZJ (JELD-WEN (open-in or open-out) or
ERA Invincible MPL with centre deadbolt 6945-INV-609-79ZA (open-in or open-out)
 - Eurospec/Carlisle Brass TS007 1* MPX6 KM585549 double key & thumbturn cylinders or
ERA Fortress TS007 3* KM553031 double key & thumbturn cylinders
 - Mila Prosecure TS007 2* handle or
ERA / Fab & Fix Balmoral handle (with 3* cylinder only)
 - UAP The Soterian TS008 FD30 letterplate KM670828
 - Briton 2400 Series transom mount concealed closer 2420T
 - UK Fixings Ltd Spy Viewer 22528 or ERA Spy viewer 35053 6V254 / 35054 6V253
 - Lorient Acoustic Drop Seal LAS8001SI
 - Lorient Threshold Plate LAS4015 or LAS4002

For the full specification of the product please refer to the constructional specification that accompanies this certificate.

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JELD-WEN (UK) LTD – 44mm Securefit PAS24 Timber Doorset (With Flush and Moulded Facings). Laminated Core.

Configuration	Maximum door leaf width (mm)	Maximum door leaf height (mm)	Door leaf thickness (mm)
Open-in, single leaf	926	2040	44
Open-out, single leaf (Cooke Brothers hinge and ERA Invincible lock only)	926	2040	44

Table 1. Permitted Door Leaf Dimensions

Configuration	Maximum frame width (mm)	Maximum frame height (mm)
Single leaf without toplights & sidelights (frame option 1, 2 or 3)	1018	2108
Single leaf with toplights & sidelights * (frame option 3)	2600	2600

Table 2. Permitted Frame Dimensions

* ensuring maximum leaf sizes & sidelight/toplight glass sizes and overall glazing edge perimeter of 16.48m are not exceeded

Note: Under no circumstances must either the maximum height or maximum width or sidelight/toplight glazing perimeter be exceeded without separate CERTISECURE approval.

- The doorset shall be mechanically fixed to wall constructions having a fire resistance of at least 30 minutes as specified in the Data Sheet, ensuring frame jambs are fixed through to the wall at not less than four points with steel or nylon fixings at maximum 600 mm centres penetrating the wall to at least 50 mm and installed as stated within BS 8214 and the manufacturers approved installation instructions accordingly.

The bottom edge of the door leaf may be trimmed without limit, providing door to threshold gaps specified are not be exceeded. Top and vertical leaf edges shall not be trimmed.



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9. Labels to the CERTIFIRE/CERTISECURE design referencing CERTIFIRE, CERTISECURE, FD30, PAS24 D, JELD-WEN (UK) Ltd, CERTISECURE certificate No. CS 5059 and CERTIFIRE certificate No. CF 5965 shall be affixed to each doorset in the prescribed position.
10. This approval relates to on going production. The doorset and/or its immediate packaging is identified with the manufacturer's name, the product name or number, the CERTISECURE name and mark together with the CERTISECURE Certificate number and application where appropriate.

Further Information

Further information regarding the details contained in this report may be obtained from JELD-WEN (UK) Ltd, Retford Road, Woodhouse Mill, Sheffield, South Yorkshire, S13 9WH (Tel: 0114 229 3250, Fax: 0114 254 2000)

Further information regarding CERTISECURE & CERTIFIRE certification and other approved products can be obtained from Warringtonfire Testing and Certification Limited, Holmesfield Road, Warrington WA1 2DS (Tel: 01925 646 777)

CONSTRUCTIONAL SPECIFICATION FOR CERTISECURE APPROVED PAS24 DOORSETS WITH FIRE PERFORMANCE

Introduction

This document specifies constructional and other details for PAS24 compliant doorsets manufactured by JELD-WEN (UK) Ltd and certified by Warringtonfire Testing and Certification under certificate No. CS 5059. Only doorsets complying with the details of this document may be marked or marketed as CERTISECURE approved. Any change to, or deviation from, this specification requires the agreement of CERTISECURE. CERTISECURE approval is applicable to complete doorsets only.

Scope of Approval - As defined in certificate of approval No. CS 5059

Manufacturer: JELD-WEN (UK) LTD

Product: Timber Doorset

Model: 44mm Securefit PAS24 Timber Doorset (With Flush and Moulded Facings).
Laminated Core.

The performance has been assessed to enhanced security performance to PAS24:2016 Annex A & B, a weather performance of 800U to BS6375-1:2015, a mechanical strength performance of Medium Duty to BS6375-2:2009, an additional performance to BS6375-3 Annex A & C and a fire resistance performance of 30 minutes integrity and 30 minutes insulation as defined in BS 476: Part 22: 1987 and CERTIFIRE approved in accordance with TS10 under certificate CF 5965, and a smoke performance of less than 3 m³/h/m in accordance with BS 476-31.1:1983. This constructional specification shall not be reproduced except in full, (and then only as permitted by copyright laws), without written approval from Warringtonfire Testing and Certification.

1 Door Frame (see table 2)			
1.1 Door frame head & jamb option 1	1.1.1	Manufacturer	JELD-WEN UK Sheffield
	1.1.2	Reference	FD30 Softwood
	1.1.3	Material	Redwood (including clear or engineered, laminated & fingerjointed material)
	1.1.4	Minimum density	500 kg/m ³
	1.1.5	Section size	56 x 66mm
	1.1.6	Rebate	13 x 48mm
	1.1.7	Fixing jamb to head joints	Mortice and tenon joint, screwed and glued. Screw fixed with 2no. 5 x 70mm hardened single thread woodscrew
	1.1.8	Adhesive	HB Fuller Rakol Eco 3 Plus
1.2 Door frame head & jamb option 2	1.2.1	Reference	FD30 Hardwood
	1.2.2	Material	Hardwood
	1.2.3	Minimum density	500 kg/m ³
	1.2.4	Section size	56 x 66mm
	1.2.5	Rebate	13 x 48mm
	1.2.6	Fixing jamb to head joints	Mortice and tenon joint, screwed and glued. Screw fixed with 2no. 5 x 70mm hardened single thread woodscrew
	1.2.7	Adhesive	HB Fuller Rakol Eco 3 Plus

1.3 Door frame head & jamb option 3	1.3.1	Manufacturer	JELD-WEN UK Sheffield
	1.3.2	Reference	FD30 Head
	1.3.3	Material	Redwood (including clear or engineered, laminated & fingerjointed material)
	1.3.4	Minimum density	500 kg/m ³
	1.3.5	Section size	52 x 66mm
	1.3.6	Rebate	20 x 48mm
	1.3.7	Fixing jamb to head joints	Mortice and tenon joint, screwed and glued. Screw fixed with 2no. 5 x 70mm hardened single thread woodscrew
	1.3.8	Adhesive	HB Fuller Rakol Eco 3 Plus
1.4 Door frame weather seals	1.4.1	Manufacturer	Schlegel
	1.4.2	Description	Q-Lon Weather Seal
	1.4.3	Reference	Aquamac 21
	1.4.4	Fixing method	Interference fit to kerf in frame upstand against door leaf face
	1.4.5	Position	Head & jambs
	1.4.6	Continuity	Uninterrupted by hardware
1.5 Door frame intumescent/ smoke seals	1.5.1	Manufacturer	Lorient Polyproducts Ltd
	1.5.2	Description	20 x 4mm intumescent smoke seal
	1.5.3	Reference	LP2004 Finesse Type 617
	1.5.4	Fixing method	Self-adhesive
	1.5.5	Size	20 x 4mm
	1.5.6	Position	Centre of the frame reveal in the head and both jambs
	1.5.7	Continuity	Interrupted by hinges and locking keeps Partially interrupted in the head (8mm remains continuous) by transom closer.
1.6 Door frame threshold option 1	1.6.1	Supplier	Lorient Polyproducts Ltd
	1.6.2	Reference	LAS4015 Threshold Plate
	1.6.3	Material	Aluminium
	1.6.4	Section size	45 x 10mm
1.7 Door frame threshold option 2	1.7.1	Supplier	Lorient Polyproducts Ltd
	1.7.2	Reference	LAS4002 Threshold Plate
	1.7.3	Material	Aluminium
	1.7.4	Section size	40 x 5mm

2 Door frame sidelight construction (see table 2)

2.1 Sidelight frame	2.1.1	Manufacturer	JELD-WEN UK
	2.1.2	Reference	FD30 Head
	2.1.3	Material	Redwood (including clear or engineered, laminated & fingerjointed material)
	2.1.4	Minimum density	500 kg/m ³
	2.1.5	Section size	52 x 66mm
	2.1.6	Rebate	20 x 48mm
	2.1.7	Fixing corner joints	Mortice and tenon joint, screwed and glued. Screw fixed with 2no. 5 x 70mm hardened single thread woodscrew
	2.1.8	Adhesive	HB Fuller Rakol Eco 3 Plus
2.2 Sidelight frame T section for mulled sidelight	2.2.1	Manufacturer	JELD-WEN UK
	2.2.2	Reference	FD30 T Jamb
	2.2.3	Material	Redwood (including clear or engineered, laminated & fingerjointed material)
	2.2.4	Minimum density	500 kg/m ³
	2.2.5	Section size	48 x 70mm
	2.2.6	Rebate	20 x 30mm
	2.2.7	Fixing to mulled sidelight	7No 4.2 x 38mm wood screws spaced 100mm from the corners and 300mm centers
	2.2.8	Adhesive	HB Fuller Rakol Eco 3 Plus
2.3 Coupled sidelight fixings	2.3.1	Supplier	Timber Mate Fasteners
	2.3.2	Description	Pozi double CSK head wood screws
	2.3.3	Size	4.2 x 50mm
	2.3.4	Position	Within 100mm of corners and at maximum 300mm centers
2.4 Sidelight frame midrail	2.4.1	Manufacturer	JELD-WEN UK
	2.4.2	Reference	FD30 direct mulled midrail sidelight
	2.4.3	Material	Redwood (including clear or engineered, laminated & fingerjointed material)
	2.4.4	Minimum density	500kg/m ³
	2.4.5	Section size	150 x 66mm
	2.4.6	Rebate	20 x 48mm
	2.4.7	Fixing midrail to mullion & jamb joints	2no 4.2mm x 70mm CSK wood screws (each side)

2.5 Sidelight / toplight glazing option 1 (insulated glass)	2.5.1	Supplier	Pyroguard
	2.5.2	Configuration	AttackGuard 44.2 4mm / 0.76mm PVB / 4mm Performance to EN356 P1A 5mm gel layer 1no. 6mm T-EI30 16-1 VF Fire glass
	2.5.3	Thickness	19.76mm nominal
	2.5.4	Maximum size	480 x 2526mm (full height sidelight) 990 x 2020mm (doorset height sidelight) 1972 x 432mm (toplight) Subject to a maximum glazing edge perimeter of 16.48m
	2.5.5	Nominal edge clearance	5mm
2.6 Sidelight / toplight glazing option 2 (non-insulated glass)	2.6.1	Supplier	Pyroguard
	2.6.2	Configuration	AttackGuard 66.2 6mm / 0.76mm PVB / 6mm Performance to EN356 P1A
	2.6.3	Thickness	12.76mm nominal
	2.6.4	Maximum size	470 x 2516mm (sidelight) 980 x 2010mm (doorset height sidelight) 1962 x 422mm (toplight) Subject to a maximum glazing edge perimeter of 16.48m
	2.6.5	Nominal edge clearance	10mm
2.7 Sidelight/ toplight glazing setting blocks (for glazing option 1 – insulated glass)	2.7.1	Supplier	RAM Extrusions
	2.7.2	Description	Sidelight glazing packers
	2.7.3	Reference	Blue 60
	2.7.4	Overall size	1No 15 x 5 x 100mm - spaced approx 200mm from corners
2.8 Sidelight/ toplight glazing setting blocks (for glazing option 2 non-insulated glass)	2.8.1	Supplier	RAM Extrusions
	2.8.2	Description	Sidelight glazing packers
	2.8.3	Reference	Blue 60
	2.8.4	Overall size	2No 10 x 5 x 100mm (to make 10mm high) - spaced approx 200mm from corners

2.9 Glazing bead	2.9.1	Glazing method	Externally beaded
	2.9.2	Supplier	JELD-WEN
	2.9.3	Reference	Hardwood bead
	2.9.4	Material	Red Grandis hardwood
	2.9.5	Minimum density	570 kg/m ³
	2.9.6	Section size	20 x 24mm
	2.9.7	Fixing methods	4 x 40mm CS security screw 50mm from each corner and at maximum 150mm centres
2.10 Glazing tape (for glazing option 1 - insulated glass)	2.10.1	Supplier	Sealmaster
	2.10.2	Description	Intumescent closed cell tape
	2.10.3	Reference	CFT
	2.10.4	Material	Graphite
	2.10.5	Cross section	15 x 3mm (2mm graphite 1mm foam backing tape)
	2.10.6	Fixing method	Self-adhesive into rebate/bead
2.11 Glazing tape (for glazing option 2 – non- insulated glass)	2.11.1	Supplier	Sealmaster
	2.11.2	Description	Intumescent foam tape
	2.11.3	Reference	GTR
	2.11.4	Material	Graphite foam
	2.11.5	Cross section	20 x 5mm
	2.11.6	Fixing method	Self-adhesive into rebate/bead

3 Door leaf construction (see table 1)

3.1 Door leaf	3.1.1	Manufacturer	JELD-WEN UK Ltd
	3.1.2	Maximum leaf size	926 x 2040mm
	3.1.3	Leaf thickness	44mm ±1mm
3.2 Door leaf internal stile	3.2.1	Position	Long edges
	3.2.2	Material	Chipboard
	3.2.3	Minimum density	650 kg/m ³
	3.2.4	Section size	38 x 33mm
	3.2.5	Adhesive	HB Fuller UK Ltd Eco 3 PVA Glue
3.3 Door leaf core	3.3.1	Material	Metsawood Kerto softwood laminated core
	3.3.2	Minimum density	510 kg/m ³
	3.3.3	Thickness	38mm
	3.3.4	Face routing	The door core may also be moulded (routed) to enable the use of 3mm thick moulded (die-formed) hardboard facings. Maximum size of routing in the core is 60mm wide by 12mm deep.
3.4 Door leaf facings option 1	3.4.1	Material	MDF
	3.4.2	Patterns	Flush or moulded facings
	3.4.3	Minimum density	750 kg/m ³
	3.4.4	Thickness	3mm
	3.4.5	Details of adhesive	HB Fuller UK Ltd Eco 3 PVA Glue
3.5 Door leaf facings option 2	3.5.1	Material	Plywood Flush Skin
	3.5.2	Finish	Real wood veneer
	3.5.3	Minimum density	750 kg/m ³
	3.5.4	Thickness	3mm
3.6 Door leaf lippings (flush door only) (optional)	3.6.1	Position	Long edges
	3.6.2	Material	Hardwood
	3.6.3	Minimum density	640 kg/m ³
	3.6.4	Thickness	6mm
	3.6.5	Adhesive	Henkel PUR Hotmelt (Purmelt RS 270/7)

4 Hardware

4.1 Hinge option 1 (applicable to lock option 1, 2 & 3)	4.1.1	Supplier	Cooke Brothers Ltd (JW branded)
	4.1.2	Description	Cooke Grade 13 Hinge CF351
	4.1.3	Reference	7730
	4.1.4	Primary material	Stainless steel
	4.1.5	Size of knuckle	Ø13 x 107.6mm
	4.1.6	Size of blades	101.6 x 30.2 x 3 mm
	4.1.7	Quantity	3
	4.1.8	Intumescent protection	None required
	4.1.9	Top hinge position	150mm from top of door to top of hinge
	4.1.10	Mid hinge position	960mm from top of door to top of hinge
	4.1.11	Btm hinge position	1690mm from top of door to top of hinge
	4.1.12	Fixing to doorleaf	5no. 4.9 x 37.5mm CSK steel wood screws
	4.1.13	Fixing to frame	5no. 4.9 x 37.5mm CSK steel wood screws
4.2 Hinge option 2 (applicable to lock option 2 & 3 and open-in doorsets only)	4.2.1	Supplier	Zoo Hardware
	4.2.2	Description	Grade 13 Hinge
	4.2.3	Reference	ZHSS243RS Satin finish ZHSS243RP Polished finish ZHSS243RPVD PVD Brass finish
	4.2.4	Primary material	Stainless steel
	4.2.5	Size of knuckle	Ø13 x 107.6mm
	4.2.6	Size of blades	102 x 30.2 x 3 mm
	4.2.7	Quantity	3
	4.2.8	Intumescent protection	None required
	4.2.9	Top hinge position	150mm from top of door to top of hinge
	4.2.10	Mid hinge position	960mm from top of door to top of hinge
	4.2.11	Btm hinge position	1690mm from top of door to top of hinge
	4.2.12	Fixing to doorleaf	4no. 4.9 x 32mm wood screws
	4.2.13	Fixing to frame	4no. 4.9 x 32mm wood screws

4.3 Lock option 1 (applicable to open-in doorsets only)	4.3.1	Supplier	Fullex Locks Ltd
	4.3.2	Description	SL16 Crime beater multipoint lock
	4.3.3	Reference	CB0004-KE-Z/C
	4.3.4	Face plate size	1720 x 20mm
	4.3.5	Intumescent protection	None required
	4.3.6	Position	1015m from top of leaf to centreline of spindle
	4.3.7	Fixings	10no. 3.9 x 38mm CSK steel wood screws
4.4 Lock keeps (for lock option 1)	4.4.1	Supplier	Fullex Locks Ltd
	4.4.2	Description	11894 Radius Ended Keep Set
	4.4.3	Reference	CRB0004-KE-Z/C
	4.4.4	Material	Steel
	4.4.5	Intumescent protection	None required
	4.4.6	Hook keep size	30 x 179 x 21.5mm
	4.4.7	Centre keep size	44.5 x 222 x 15.5mm
	4.4.8	Hook keep fixing	4no. 3.9 x 38mm CSK steel wood screws
	4.4.9	Centre keep fixing	3no. 3.9 x 38mm CSK steel wood screws
4.5 Lock option 2	4.5.1	Supplier	ERA Home Security
	4.5.2	Description	Invincible MPL with centre deadbolt
	4.5.3	Reference	6945-INV-609-79ZA
	4.5.4	Face plate size	1635 x 20mm
	4.5.5	Intumescent protection	None required
	4.5.6	Position	1015m from top of leaf to centreline of spindle
	4.5.7	Fixings	10no. 3.9 x 38mm CSK steel wood screws
4.6 Lock keeps (for lock option 2)	4.6.1	Supplier	ERA Home Security
	4.6.2	Description	Invincible MPL keep set
	4.6.3	Reference	5402-85RE (hook keeps) 5401-85RE (centre keep)
	4.6.4	Material	Steel
	4.6.5	Intumescent protection	None required
	4.6.6	Hook keep size	177 x 35mm
	4.6.7	Centre keep size	252 x 45mm (including strike)
	4.6.8	Hook keep fixing	4no. 3.9 x 38mm CSK steel wood screws
	4.6.9	Centre keep fixing	5no. 3.9 x 38mm CSK steel wood screws

4.7 Lock option 3	4.7.1	Supplier	ERA Home Security
	4.7.2	Description	Invincible MPL with three hook bolts
	4.7.3	Reference	6935-3H-609-79ZA (ERA branded) 6935-3H-629-79ZJ (JELD-WEN branded)
	4.7.4	Face plate size	1635 x 20mm
	4.7.5	Intumescent protection	Lorient Polyproducts ITL SecureSet 6045 – 6945 INV 1 mm thick ammonium phosphate intumescent kit to fully wrap body of central case and top and bottom cases
	4.7.6	Position	1015m from top of leaf to centreline of spindle
	4.7.7	Fixings	10no. 3.9 x 38mm CSK steel wood screws
4.8 Lock keeps (for lock option 3)	4.8.1	Supplier	ERA Home Security
	4.8.2	Description	Invincible MPL keep set
	4.8.3	Reference	5402-85RE (hook keeps) 6408-85-LH/RH (centre keep)
	4.8.4	Material	Steel
	4.8.5	Intumescent protection	Lorient Polyproducts ITL SecureSet 6408–85 LR/RH – 5402-85RE 1 mm thick ammonium phosphate intumescent kit set beneath central keep (full profile, including tongue to central keep) and to rear of all dust boxes.
	4.8.6	Hook keep size	177 x 35mm
	4.8.7	Centre keep size	200 x 22mm
4.9 Lever handle option 1	4.8.8	Hook keep fixing	4no. 3.9 x 38mm CSK steel wood screws
	4.8.9	Centre keep fixing	3no. 3.9 x 38mm CSK steel wood screws
	4.9.1	Supplier	Mila Hardware
	4.9.2	Description	ProSecure
	4.9.3	Reference	E Variant 92 PZ TS007 2*
	4.9.4	Certification ref	KM535608
	4.9.5	Material	Zinc alloy and steel
4.9.6	Overall size	240 x 32mm	
4.9.7	Lever length	126mm	
4.9.8	Intumescent	None required	
4.9.9	Fixings	2no. M6 x 61mm machine screw	

4.10 Lever handle option 2 (applicable to cylinder option 2 only)	4.10.1	Supplier	ERA Home Security / Fab & Fix
	4.10.2	Description	Balmoral handle (to be used in conjunction with TS007 3* cylinder only)
	4.10.3	Reference	Fab & Fix Balmoral Inline Lever
	4.10.4	Certification ref	Not applicable
	4.10.5	Material	Zinc for Hardex finishes or Aluminium for white, black & silver finishes
	4.10.6	Overall size	243mm x 32mm
	4.10.7	Lever length	120mm
	4.10.8	Intumescent	None required
	4.10.9	Fixings	2no. M5 x 70mm & 2no. M5 x 80mm machine screws
4.11 Cylinder option 1 (applicable to handle option 1 only)	4.11.1	Supplier	Eurospec / Carlisle Brass
	4.11.2	Description	TS007 1* Euro profile cylinder including key-key and key-thumbturn options (to be used in conjunction with TS007 2* handle only)
	4.11.3	Reference	MPX6
	4.11.4	Certification ref	KM 585549
	4.11.5	Intumescent protection	None required
	4.11.6	Fixing	1no. M5 x 55mm machine screw
4.12 Cylinder option 2	4.12.1	Supplier	ERA Home Security
	4.12.2	Description	TS007 3* Fortress cylinder including key-key and key-thumbturn options
	4.12.3	Reference	35/35 ERA 3* Fortress Cylinder
	4.12.4	Certification ref	KM 553031
	4.12.5	Intumescent protection	None required
	4.12.6	Fixing	1no. M5 x 55mm machine screw
4.13 Door viewer option 1 (optional)	4.13.1	Supplier	UK Fixings Ltd
	4.13.2	Description	Silver Viewer
	4.13.3	Reference	22528 Silver/Chrome
	4.13.4	Overall size	13.7 x 52mm long
	4.13.5	Door hole size	14mm
	4.13.6	Intumescent protection	None required
	4.13.7	Fixing height (centre of viewer)	2no. viewers minimum 100mm centre to centre & maximum 1500mm from bottom of door leaf

4.14 Door viewer option 2 (optional)	4.14.1 Supplier	ERA
	4.14.2 Description	Spy viewer
	4.14.3 Reference	35053 6V254 Chrome 35054 6V253 Gold
	4.14.4 Overall size	11.7 x 49mm
	4.14.5 Door hole size	12mm
	4.14.6 Intumescent protection	None required
	4.14.7 Fixing height (centre of viewer)	2no. viewers minimum 100mm centre to centre & maximum 1500mm from bottom of door leaf
4.15 Letter plate (optional)	4.15.1 Supplier	UAP
	4.15.2 Description	Soterian Letterplate
	4.15.3 Reference	UAP Soterian TS008 LP
	4.15.4 Certification ref	KM670828
	4.15.5 Aperture size	230 x 35mm
	4.15.6 Door routing size	263 x 58mm
	4.15.7 Fixing height (centre of letterplate)	865mm from bottom of door to centre of letterplate
	4.15.8 Intumescent protection	1mm thick graphite intumescent sheet material (supplied with letterplate)
	4.15.9 Fixings	4no. No.6 x 25mm CSK steel wood screws 4no. M6 x 25mm hex socket cap bolts
4.16 Threshold seal	4.16.1 Supplier	Lorient Polyproducts Ltd
	4.16.2 Description	Acoustic dropseal
	4.16.3 Reference	LAS8001SI
	4.16.4 Intumescent protection	None
	4.16.5 Fixings	2no. 3.5 x 32mm wood screws through end plate into stile edge
4.17 Door closer (optional *)	4.17.1 Supplier	Allegion
	4.17.2 Description	Concealed overheard type closer. Maximum opening moment 24Nm Maximum closing moment 14Nm
	4.17.3 Reference	Briton 2420.T
	4.17.4 Overall size	42 x 242 x 32mm (body size)
	4.17.5 Intumescent protection	Allegion supplied 2mm thick Interdens pack ref: 2420.IP
	4.17.6 Fixing device to doorleaf	Closer body rebated into leaf head and fixed with 6no. 4 x 25mm screws
	4.17.7 Fixing device to frame	Closer arm channel rebated into frame head and fixed with 2no. 4 x 25mm screws

* All fire doorsets are required to be fitted with a CERTIFIRE certificated self-closing device. The exceptions are doorsets kept locked shut such as service access doors.

Building Regulations may identify locations within domestic locations where self-closing devices are not mandatory.

Note: closers with mechanical hold-open mechanisms are not permitted to be used.

Surface mounted plastic, steel, aluminium, or brass plates are acceptable on the basis that they are:

- < 2mm thick
- Do not occupy more than 20% of the door leaf in total, or exceed 500mm in height for kickplates and 300mm for mid-plates, whichever is the smaller.
- Do not wrap around the vertical edges, and on the closing face do not extend beneath the door stops (generally 40-50mm narrower than door width)
- Plates/signage can be bonded with a thermally softening adhesive. Additionally countersunk screws may be used with maximum dimensions of 4.5 mm Ø by 25 mm long.
- Plates in accordance with the rules above may be applied to one / both door leaf faces as required.

5 Labels

Labels referencing JELD-WEN (UK) Ltd, CERTISECURE CS 5059, CF 5965 and PAS24 D, to be applied to each approved doorset in the prescribed position.