



CERTIFICATE OF APPROVAL
No CF 6037

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

JELD-WEN UK LIMITED

**Woodhouse Mill, Sheffield, South Yorkshire,
United Kingdom S13 9WH
Tel: 0114 2542000 Fax: 0114 2696696**

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

**54 mm Securefit PAS 24
Timber Doorset**

TECHNICAL SCHEDULE

**TS10 Fire Resisting Door
Assemblies with Non Metallic
Leaves**

**Enhanced Security certified to STS201 under CERTISECURE
certificate CS5011**

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

**Paul Duggan
Certification Manager**



Issued: 4th November 2021
Revised: 11th November 2022
Valid to: 8th December 2026



CERTIFICATE No CF 6037 JELD-WEN UK LIMITED

JELD-WEN UK LIMITED - 54 mm Securefit PAS 24 Timber Doorset

This approval relates to the use of the above doorsets in providing fire resistance of 60 minutes integrity as defined in BS 476: Part 22: 1987. Subject to the undermentioned conditions, the doorsets would be expected to meet the relevant requirements of BS 9999 for 60 minutes doorsets when used in accordance with the provisions therein.

The doorset designs described in this certificate could therefore be given an 'FD60' notation, as defined in BS 8214: 2016. Please note the 'FD' notation only indicates integrity performance to BS 476: Part 22: 1987. Specific performance requirements for doorsets are set out in the relevant building regulations.

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. The doorsets are approved on the basis of:
 - i) Initial type testing
 - ii) A design appraisal against TS10
 - iii) Inspection and surveillance of factory production control
 - iv) Certification under a CERTIFIRE approved Quality Management System
 - v) Audit testing in accordance with TS10
3. The doorsets comprise cellulosic cored leaves for use with timber frames, with intumescent edge seals (ITT FD60).
4. This approval is applicable to complete doorsets. It is a condition of this approval that an agreed Data Sheet accompanies the product and is complied with in its entirety. Failure to do so will invalidate this approval and may jeopardise the fire performance of the doorset.
5. This approval is applicable to single-acting, single-leaf, unglazed, latched open in ITT doorsets at leaf dimensions up to those given in Table 1 & Table 2 below:

Doorset configuration	Max. Height (mm)	Max. Width (mm)	Max. Area (m ²)
Single-Acting, Single-Leaf Latched - Open in	2040 mm high (at 926 mm wide)	926 mm wide (at 2040 mm high)	1.89 m ²

Table 1.

Note: Under no circumstances must either the maximum height or maximum width shown in the tables above be exceeded without separate CERTIFIRE approval.

Page 2 of 3 Signed
E/128

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CERTIFICATE No CF 6037 JELD-WEN UK LIMITED

JELD-WEN UK LIMITED - 54 mm Securefit PAS 24 Timber Doorset

Doorset configuration	Max. Frame Height (mm)	Max. Frame Width (mm)
Single-Acting, Single-Leaf Latched Without sidelights and toplights	2104 mm high (at 1006 mm wide)	1006 mm wide (at 2104 mm high)

Table 2.

Note: Under no circumstances must either the maximum height or maximum width shown in the tables above be exceeded without separate CERTIFIRE approval.

6. Glazing shall not be included within these doorsets.
7. Hardware items, including closing devices and intumescent fire seals, shall be as specified in the data sheet.
8. The doorsets shall be mechanically fixed to wall constructions having a fire resistance of at least 60 minutes.
9. Labels to the CERTIFIRE/CERTISECURE design referencing CERTIFIRE, CERTISECURE, FD60, PAS24 D, JELD-WEN (UK) Ltd, CERTIFIRE certificate No. CF 6037 and CERTISECURE certificate No. CS 5011 shall be affixed to each doorset in the prescribed position.
10. The approval relates to on-going production. The 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.

Paul Hogg

Page 3 of 3 Signed
E/128

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CF 6037 DATA SHEET

1. General

This doorset has been tested and is certified by CERTIFIRE as being capable of providing fire resistance of 60 minutes integrity as defined in BS 476: Part 22: 1987, when installed in accordance with the following conditions. Subject to these, the doorset will meet the relevant requirements of BS 9999 for 60 minutes when used in accordance with the provisions therein.

The doorset designs described in this certificate could therefore be given an 'FD60' notation, as defined in BS 8214: 2016. Please note the 'FD' notation only indicates integrity performance to BS 476: Part 22: 1987. Specific performance requirements for doorsets are set out in the relevant building regulations.

In recognition of this the leaf carries a prefixed label on the top or hanging edge of the door issued under the terms of the CERTIFIRE scheme. This label uniquely identifies the doorset, the manufacture of which complies with a CERTIFIRE approved Quality Management System and is subject to on-going surveillance. **This label shall not be removed.**

It is emphasised that the certification is conditional upon the following instructions being complied with in their entirety. Failure to do so will invalidate this approval and may jeopardise the fire performance of the doorset. Doorsets supplied pre-fitted with components by JELD-WEN UK Limited may be considered to meet the requirements in respect of those items.

2. Door Leaf Dimensions

This approval is applicable to single-action, single, latched, assemblies at leaf dimensions up to those detailed within Table 1 & Table 2 below:

Doorset configuration	Max. Height (mm)	Max. Width (mm)	Max. Area (m ²)
Single-Acting, Single-Leaf Latched - Open in	2040 mm high (at 926 mm wide)	926 mm wide (at 2040 mm high)	1.89 m ²

Table 1.

Doorset configuration	Max. Frame Height (mm)	Max. Frame Width (mm)
Single-Acting, Single-Leaf - Latched Without sidelights and toplights	2104 mm high (at 1006 mm wide)	1006 mm wide (at 2104 mm high)

Table 2.

Note: Under no circumstances must either the maximum height or maximum width shown in the tables above be exceeded without separate CERTIFIRE approval.

3. Door Frames

To be in accordance with the following specification:

Material	Hardwood (Excluding Ash, Beech & Iroko)
Density:	500 kg/m ³ min.
Dimensions:	87 mm wide by 57 mm thick with a 56 mm wide by 13 mm deep rebate.

All frames will comply with the following requirements:

Jointing:	Double tenon joint, screwed, and glued, screw fixed with 2 No. 10 by 70 mm hardened single thread woodscrew
Door to frame gaps:	Not to exceed 4 mm except at the threshold where 10 mm is permitted.

4. Overpanels / Sidepanels

Not permitted.

5. Glazed Fanlights

Not permitted.

6. Supporting Construction

The doorsets are approved to be installed in brick, block, masonry or timber stud of minimum thickness 87mm, providing at least 60 minutes fire resistance. Where stud partitions are used these should be suitably constructed to provide a secure fixing for the doorsets as recommended by the partition manufacturer.

7. Installation:

The opening may be lined with hardwood which shall be continuous and of minimum width, 87 mm. Each door frame jamb to be 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. Architraves are optional with no restrictions on material, size or fixing.

Doorsets shall be installed as stated in BS 8214. Suitable CERTIFIRE approved lineal gap sealing systems may also be utilised to protect the frame/supporting construction gap, subject to the conditions contained within the relevant certificate.

The use of third party accredited installers provides a means of ensuring that installations have been conducted by knowledgeable contractors, to appropriate standards, thereby increasing the reliability of the anticipated performance in fire.

The bottom edge of the door leaf may be trimmed without limit, providing lippings are not fitted. Where the bottom door edge is lipped it shall be trimmed by a maximum of 3 mm.

Note that the maximum door to threshold gaps specified shall not be exceeded.

Top and vertical leaf edges shall not be trimmed.

8. Glazed Apertures

Not permitted.

9. Intumescent Seals

CERTIFIRE certificated intumescent seals are required to be fitted to these doorsets as below.

For doorsets to BS476: Part 22 – 60 Minutes Integrity with Hardwood Frames

Doorset Configuration	Position	Required Intumescent Specification
Single-acting Single-leaf Latched	Frame Head	1 No. LP1504 15 mm wide by 4 mm thick Lorient Polyproducts Type 617 seal positioned 6.5 mm from the opening face of the frame & 1 No LP1504AS 15 mm wide by 4 mm thick Pyroplex 8700 seal positioned 31 mm from the opening face of the frame*
	Frame Jamb	1 No. LP1504 15 mm wide by 4 mm thick Lorient Polyproducts Type 617 seal positioned 6.5 mm from the opening face of the frame & 1 No LP1504AS 15 mm wide by 4 mm thick Pyroplex 8700 seal positioned 31 mm from the opening face of the frame*

* The LP1504AS intumescent seal is to be to be uninterrupted whilst the LP1504 intumescent seal is fully interrupted at the hinge positions. Both intumescent seals may be partially interrupted at latch & hook bolt positions. See Table 1 for size restrictions

Intumescent strips cannot be changed from the specific size, type and location specified in the table above.

Smoke seals may be included subject to the conditions contained within the relevant CERTIFIRE certificate for the smoke seal.

10. Hinges

Hinges shall be CE marked against EN 1935 for use on 60 minute timber fire doorsets in accordance with the following specifications:

Supplier:	Cooke Brothers Ltd (JW branded)	
Description:	Grade 13 hinge	
Reference:	7730	
CERTIFIRE No.	CF351	
Quantity:	3	
Hinge Positions:*	Top hinge:	150 mm from top of door to top of hinge
	Middle hinge:	960 mm from top of door to top of hinge
	Bottom hinge:	1690 mm from top of door to top of hinge
	* The datum in all cases is the top of the hinge.	
Dimensions:	Blade height:	101.6 mm
	Blade width:	30.2 mm
	Blade thickness:	3 mm (\pm 0.25 mm)
	Knuckle Ø:	13 mm
Fixings:	Quantity:	5 No. steel CSK wood screws per blade
	Size:	4.9 mm Ø by 32 mm long screws
Intumescent protection:	1 mm Interdens intumescent sheet material under all hinge blades	

11. Latches

Doorsets shall be fitted with a Multipoint lock with a latch bolt to the central lock in accordance with the following specification options:

Supplier:	ERA Home Security	
Description:	Lock:	ERA Holiday Multi Point lock
	Keep set:	ERA Holiday Multi Point lock keep set
Reference:	Lock:	Multipoint lock with holiday function
	Centre keep:	5401-85RE
	Hook keep:	5402-85RE
Case dimensions:	Central:	222 mm high by 62.5 mm deep by 15 mm wide
	Top & Bottom:	60 mm high by 32 mm deep by 15 mm wide
Keep dimension:	Centre keep:	252 mm high by 45 mm wide
	Hook keep:	177 mm high by 35 mm wide
Forend dimensions:	1572 mm high by 19 mm wide	
Latchbolt material:	Steel	
Position:	1015 mm from top of door to centreline of spindle	
Lock Configuration:	Central:	Engaged latchbolt
Intumescent protection:	All lock cases:	Fully wrapped with 1 mm thick Interdens intumescent sheet material
	Forend:	None required
	All keeps:	None required
Fixings:	Lock	10No. No. 8 by 64 mm long CSK steel wood screws
	Centre Keep:	4No. No. 8 by 64 mm CSK steel wood screws
	Hook keep:	4No. No. 8 by 64 mm CSK steel wood screws

Recessing for locks / forends / keeps shall result in a tight fit.

ERA Holiday locks shall be fitted with a cylinder in accordance with the following specification options:

Option 1		
Cylinder:	Supplier:	Mila Hardware
	Description:	Mila Anti Bump 1* Cylinder
	Reference:	4050EDMBAB (Brass) 4050EDMNAB (Silver)
	Certification ref:	KM535608
	Intumescent protection:	None required
	Fixings:	1No M5 by 60 mm machine screw
	Note:	For use with handle option 1 only

Option 2		
Cylinder:	Supplier:	ISEO
	Description:	ISEO F6 1* Cylinder
	Reference:	F6
	Certification ref:	KM544418
	Intumescent protection:	None required
	Fixings:	1No M5 by 60 mm machine screw
	Note:	For use with handle option 1 only

Option 3		
Cylinder:	Supplier:	Eurospec / Carlisle Brass
	Description:	Euro profile 1* Cylinder
	Reference:	MPX6
	Certification ref:	KM585549
	Intumescent protection:	None required
	Fixings:	1No M5 by 60 mm machine screw
	Note:	For use with handle option 1 only

Option 4		
Cylinder:	Supplier:	ERA Home Security
	Description:	Fortress 3* cylinder
	Reference:	35/35 ERA 3* Fortress Cylinder
	Certification ref:	KM553031
	Intumescent protection:	None required
	Fixings:	1No M5 by 55 mm machine screw
	Note:	For use with handle option 1 or option 2

The Euro profile cylinder recess in the door face shall follow the shape of the cylinder and result in a tight fit.

Lever handles are required in accordance with the specifications below:

Option 1	
Supplier:	Mila Hardware
Description:	ProSecure
Reference:	E Variant 92 PZ TS007 2*
Certification ref:	KM535608
Material:	Zinc alloy and steel
Overall size:	240 x 32mm
Lever length:	126mm
Intumescent protection:	None required
Fixings:	2No. M6 x 70mm machine screws
Note:	For use with cylinder option 1, 2, 3 or 4

Option 2	
Supplier:	ERA Home Security / Fab & Fix
Description:	Balmoral handle
Reference:	Fab & Fix Balmoral Inline Lever
Material:	Zinc for Hardex finishes or Aluminium for white, black & silver finishes
Overall size:	243mm x 32mm
Lever length:	120mm
Intumescent protection:	None required
Fixings:	2No. M5 x 70mm & 2No. M5 x 80mm machine screws
Note:	For use with cylinder option 4 only

12. Self-Closing Devices

All doorsets are required to be fitted with a CERTIFIRE certificated self-closing device.

The exceptions are doors kept locked shut such as service access doors. Note: closers with mechanical hold-open mechanisms are not permitted to be used. Building Regulations may identify locations within domestic locations where self-closing devices are not mandatory.

The closers shall have a power rating appropriate to the leaf sizes, subject to the closer having the ability to close the door from any angle and against any latch and/ or seals fitted. The closer shall have the ability to provide a minimum size 3 closing force. Where doors are unlatched a minimum size 3 shall be maintained.

Closers shall be CE Marked against EN 1154 and categorised as grade 1 – suitable for use on fire / smoke door assemblies.

12a Surface mounted overhead closers

Any CERTIFIRE approved surface mounted overhead closer may be fitted, subject to the conditions contained within the relevant certificate.

12b Transom Mounted and Concealed Closers

Not permitted

12c Floor Springs

Not permitted

13. Ancillary items

Please note that hardware items other than those discussed within this certificate of approval are not permitted.

13a Pull Handles

Not permitted

13b Protection plates and signage

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.

13c Flushbolts

Not permitted

13d. Air transfer grilles

Not permitted

13e. Door Viewers

Door viewers where required shall be in accordance with the specification below:

Option 1	
Supplier:	Carlisle Brass
Description:	Door viewer
Reference:	SWE1000
Overall dimensions:	14.3 mm Ø Barrel, with a 28 mm outer view & 22 inner view dimension.
Position:	No higher than 1590 mm from the threshold, with a minimum 200 mm centre-to-centre between viewers, where a second viewer is required.
Intumescent protection:	None required

Option 2	
Supplier:	Carlisle Brass
Description:	Door viewer
Reference:	SWE1010
Overall dimensions:	14.3 mm Ø Barrel, with a 28 mm outer view & 22 inner view dimension.
Position:	No higher than 1590 mm from the threshold, with a minimum 200 mm centre-to-centre between viewers, where a second viewer is required.
Intumescent protection:	None required

Recessing for door viewers shall result in a tight fit.

13f. Letter Plates

Letterplates where required shall be in accordance with the specification below:

Supplier:	UAP	
Description:	Soterian Letterplate	
Reference:	UAP Soterian TS008 LP	
Certification ref:	KM670828	
Overall dimensions:	Aperture size:	230 mm by 35 mm
	Cut out size:	263 mm by 58 mm
Position:	Letterplates are to be positioned centrally within the leaf width, at a height of 865 mm from the bottom of the door to the centre line of the letterplate.	
Quantity:	Maximum 1No letterplate shall be fitted to each door leaf.	
Orientation	Letterplates are to be installed in a horizontal orientation only.	
Intumescent protection:	Supplied by the manufacturer with the letterplate	
Fixing:	6No. No.6 by 25 mm countersunk wood screws and 4No. M6 by 25 mm hex socket cap bolts.	

13g. Dropseals

The doorsets are required to be fitted with a Lorient LAS8001si dropseal.

The Lorient LAS8001si has overall dimensions of 35 mm high by 15 mm wide and is required to be recessed to the bottom edge of CF6037 door leaves.

Note: Threshold gaps as stated in Section 3 are to be maintained

13h. Threshold Plates

Not permitted

13i. Coat Hooks and Other Surface Mounted Hardware

Ancillary items which are wholly surface mounted may be fitted providing:

- These items are screw fixed or bonded only
- Are not bolted through the full thickness of the door
- Are not directly above, or closer than 100 mm to any non-insulated glazing

13j. Electric Strikes / Electromechanical locks

Not permitted

14. Further Information

Further information regarding the details contained in this data sheet may be obtained from JELD-WEN UK Limited (Tel: 0114 2542000).

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