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CERTIFICATE OF APPROVAL
No CF 572

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

Retford Road, Woodhouse Mill, Sheffield,
South Yorkshire, S13 9WH
Tel 0345 122 2891

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	TECHNICAL SCHEDULE
FD30 Timber Door Assemblies	TS10 - Fire Resisting Door Assemblies with Non Metallic Leaves

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

Paul Duggan
Certification Manager

Issued: 12th November 2019
Reissued: 1st April 2025
Valid to: 10th November 2029

CERTIFICATE No CF 572
JELD-WEN UK LIMITED

JELD-WEN UK LIMITED FD30 TIMBER DOOR ASSEMBLIES

This approval relates to the use of the above doors with flush faces in providing fire resistance of 30 minutes insulation and 30 minutes integrity as defined in BS 476: Part 22.

This approval also relates to the use of the above doors with moulded faces in providing fire resistance of 30 minutes integrity only as defined in BS 476: Part 22.

Subject to the undermentioned conditions, the doors would be expected to meet the relevant requirements of BS 9999 for FD30 door assemblies when used in accordance with the provisions therein.

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 doors are approved on the basis of:

   i) Initial type testing against TS10
   ii) Audit testing at the frequency specified in TS10
   iii) A design appraisal against TS10
   iv) Certification under a CERTIFIRE approved Quality Management System
   v) Inspection and surveillance of factory production control

3. The door assemblies comprise door leaves of panels within a softwood internal perimeter frame, for use with timber frames, with intumescent edge seals (code ITT FD30).

4. This approval is applicable to both complete door assemblies and door leaves. Where the door is not supplied in a fully fitted form 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 door.

5. This approval is applicable to latched single-acting, single-leaf, ITT assemblies with 34 mm thick leaves, at leaf dimensions up to those given in Table 1 below.

Door Assembly Configuration	Maximum Height (mm)	Maximum Width (mm)	Maximum Area (m^2)
Single-Acting, Single-Leaf Latched	2330 (at 863 wide)	985 (at 2040 high)	2.01
Table 1.			

Note: Under no circumstances must the maximum height, maximum width or maximum area be exceeded without separate CERTIFIRE approval.

6. Glazing / Glazed apertures are not permitted

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7. Hardware items, including closing devices and intumescent fire seals, shall be as specified in the Data Sheet.

8. The door assembly shall be mechanically fixed to wall constructions having a fire resistance of at least 30 minutes.

9. Labels to the CERTIFIRE design, or approved by CERTIFIRE, referencing CERTIFIRE and CERTIFIRE Ref. No. CF 572 and FD30 classifications resistance shall be affixed to each door in the prescribed position.

10. The approval relates to on-going production. Product and/or its immediate packaging is identified with the manufacturers' name, the product name or number, the CERTIFIRE name or name and mark, together with the CERTIFIRE certificate number and application where appropriate.

CF 572 DATA SHEET

1. General

This approval relates to the use of the above doors with flush faces in providing fire resistance of 30 minutes insulation and 30 minutes integrity as defined in BS 476: Part 22, when installed in accordance with the following conditions.

This approval also relates to the use of the above doors with moulded faces in providing fire resistance of 30 minutes integrity only as defined in BS 476: Part 22, when installed in accordance with the following conditions.

Subject to these, the door will meet the relevant requirements of BS 9999 for FD 30 when used in accordance with the provisions therein.

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 door leaf, 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 door. Door assemblies 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 latched single-action, single-leaf assemblies at leaf dimensions up to those detailed within Table 1 below.

Door Assembly Configuration	Maximum Height (mm)	Maximum Width (mm)	Maximum Area (m^2)
Single-Acting, Single-Leaf Latched	2330 (at 863 wide)	985 (at 2040 high)	2.01
Table 1.			

Note: Under no circumstances must the maximum height, maximum width or maximum area be exceeded without separate CERTIFIRE approval.

3. Door Frame

To be any of the following:-

Softwood or hardwood (solid)	i) Density:	440 kg/m^3 minimum
	ii) Dimensions:	50 mm by 25 mm minimum
	iii) Door Stop:	12 mm wide by 12 mm deep rebated from solid or pinned / glued & pinned using 40 mm long pins. Where the stop is rebated from solid the overall frame thickness must be increased by 12 mm to accommodate the 12 mm rebate depth.

MDF	i) Density:	720 kg/m^3 minimum
	ii) Dimensions:	50 mm by 25 mm minimum
	iii) Door Stop:	12 mm wide by 12 mm deep rebated from solid or pinned / glued & pinned using 40 mm long pins. Where the stop is rebated from solid the overall frame thickness must be increased by 12 mm to accommodate the 12 mm rebate depth.
Jointing:	Half lapped joints with minimum 40 mm long steel pins	
Door to frame gaps:	Not to exceed 4 mm except at threshold where up to 8 mm is permitted Please note that a reduced threshold gap may be required to comply with smoke leakage requirements	

4. Overpanels / Sidepanels

Not permitted

5. Glazed fanlights / Sidelights

Not permitted

6. Supporting Construction

The door assemblies are approved to be installed in brick, block, masonry or timber stud supporting constructions of minimum overall thickness 72 mm. providing at least 30 minutes fire resistance. Where stud partitions are used these should be suitably constructed to provide a secure fixing for the door assemblies as recommended by the partition manufacturer.

Where stud partitions are used these should be suitably constructed to provide a secure fixing for the door assemblies as recommended by the partition manufacturer.

Where brick, block, masonry walls are plasterboard faced, the plasterboard adjacent to the door assembly shall be mechanically fixed to ensure that it remains in-situ for the required integrity period.

7. Installation

The opening may be lined with softwood or hardwood which shall be continuous and of minimum width, 50mm. Each door frame jamb to be fixed through to the wall at not less than three 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.

Door assemblies 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.

Door leaves may be trimmed to fit the frame by the following maximum amounts:

- Stiles (each): 4 mm
- Bottom: 6 mm

Special trim-able doors with double stiles and additional bottom rail are available and may be trimmed by a maximum of 25 mm to both stiles and bottom rail.

Specially manufactured sloped head doors are also permitted, please contact JELD-WEN UK Limited for further details.

Note that the maximum door to frame and door to threshold gaps specified shall not be exceeded, nor shall the door edge fitted with the CERTIFIRE label be trimmed since removal of the label will invalidate the certification.

The labelled edge may be subjected to minor 'shooting-in', providing the label is not damaged or removed in the process, and the amount of material removed does not exceed that stated previously.

8. Glazed Apertures

Not permitted.

9. Intumescent Seals

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

For door assemblies to BS476: Part 22 – classified as FD30

Assembly Configuration*	Position	Required Intumescent Protection
Single-acting, Single-leaf Latched	Top & vertical edges	Single 15 mm wide by 4 mm thick Lorient Polyproducts Ltd. 'LP1504' 'Type 617' fitted centrally within the frame reveal or door leaf edge.

Latched single acting, single-leaves with maximum leaf dimensions 2040 mm high by 926 mm wide may utilise alternative Intumescents in-line with the relevant CERTIFIRE approval for the proposed intumescent seal. All seals to be CERTIFIRE approved.

Seals may be interrupted at hinge and latch positions.

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

10. Hinges

Hinges shall be CE marked against EN 1935 for use on 30 minute timber fire door assemblies in accordance with the following specification:

Number:	Minimum three hinges	
Type:	Steel lift off or butt hinges.	
Positions:*	Top hinge:	Maximum 150 mm from the top of the door to top hinge.
	Middle hinge:	Middle hinge fitted centrally in the leaf height.
	Bottom hinge:	Maximum 250 mm from the bottom of the door to bottom hinge
Dimensions:	blade height:	80 - 100 mm
	Blade width:	25 - 30 mm
	Thickness:	2.5 - 3 mm
	Knuckle dia.:	10 - 13 mm
Fixings:	Quantity:	Four steel screws (minimum)
	To frame	No.8 by 19 mm long (minimum).
	To door:	No.8 by 31 mm long (minimum).
Intumescent protection**	2 mm thick Interdens intumescent sheet material to hinge blades (optional).	

* The datum in all cases is the centreline of the hinge.

** This specification overrides any requirement for additional intumescent identified in the hinge manufacturer's certification providing the hinge specification falls within the parameters identified above, specifically maximum dimensions and material.

Any other CERTIFIRE approved hinge may be fitted, providing the hinge dimension are no greater than 10% in blade width and 25% in blade height from that approved above.

Where the Certifire approved hinge exceeds the specification given above, the minimum requirement for intumescent protection to the hinges, by-passing perimeter intumescent, and the material density and thickness for the door and frame elements given in the hinge manufacture's CERTIFIRE certificate shall apply.

Double-action hinges, projection hinges and rising / falling butt hinges are not permitted for use in conjunction with CERTIFIRE approved door assemblies.

11. Latches

Latches are required to be fitted to CF572 assemblies and shall be CE marked for use on 30 minute timber fire doors.

Mortice type, automatic (sprung) latch bolt. The use of roller latches is not permitted.

Case dimension:	101 mm long by 65 mm deep by 15 mm wide maximum
Forend dimension:	155 mm x 22 mm maximum
Strike dimension:	155 mm x 22 mm (excluding latch plate lip) maximum
Latch bolt material:	Steel or material with a melting point greater than or equal to 800°C
Configuration:	Latched
Position:	Maximum 1100 mm from bottom of door to centreline of lockcase
Intumescent protection:*	1 mm thick Mono Ammonium Phosphate (Interdens) intumescent sheet material applied to both faces of the lock case.

* This specification overrides any requirement for additional intumescent identified in the lock manufacturer's certification providing the lock/latch specification falls within the parameters identified above, specifically maximum dimensions and material.

Any other CERTIFIRE approved lock/latch may be fitted, providing no lock/strikeplate dimension is more than 25% of that approved above and subject to the conditions contained within the relevant certificate.

Where the Certifire approved lock/latch exceeds the specification given above, the minimum requirement for intumescent protection to the locks, latches and strikeplates, by-passing perimeter intumescent, and the material density and thickness for the door and frame elements given in the lock/latch manufacture's CERTIFIRE certificate shall apply.

- Recessing for locks shall result in a tight fit, allowing for the intumescent protection specified.
- No restriction on type and material of face fixed mechanical lever handles and knobs providing these are wholly surface mounted (with the exception of the spindle and fixing holes) and the spindle hole is a maximum 22 mm in diameter

12. Self-Closing Devices

All doors 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.

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 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, screws may be used.

13b Flushbolts

Not permitted / applicable

13c. Door Viewers

Not permitted

13d Pull Handles

Not permitted

13e. Air Transfer Grilles

Not permitted

13f. Letter Plates

Not permitted

13g. 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

13h. Dropseals

Lorient Polyproducts Limited LAS8001si automatic threshold seals may be fitted centrally within the bottom edge of the door leaf with 1 mm thick Mono Ammonium Phosphate (Interdens) intumescent sheet material to both faces of the dropseal.

The use of alternative fully recessed Certifire approved dropseals may be utilised up to a maximum recess of 35 mm deep by 14 mm wide in conjunction with 1 mm thick Mono Ammonium Phosphate (Interdens) intumescent sheet material to both faces of the dropseal.

Where dropseals are fitted, the recess for a dropseal may be formed on site by NON-CERTIFIRE approved staff. Care must be taken to ensure all fitting instructions are followed, including any constraints imposed by the CERTIFIRE certificate.

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

13i. Electric Strikes / Electromechanical locks

Not permitted

13j. Threshold Plates / Cills

Not permitted

13k. Edge Protectors

Not permitted

14. Further Information

Further information regarding the details contained in this data sheet may be obtained from JELD-WEN UK Limited (Tel: 0345 122 2891).

Further information regarding the CERTIFIRE certification and other approved products can be obtained from Warringtonfire Testing and Certification (Tel: +44 (0) 1925 646777).