

9. Latches

Where fitted, latches shall be CE marked for use on timber fire doors in addition to the specification below.

Mortice type: Automatic (sprung) latch bolt, cylinder rim night latches and knobsets. Maximum case dimensions 101 mm long by 65 mm wide. Maximum forend and strike dimensions are 155 mm x 22 mm. Latch bolt material to have a melting point greater than 800°C. No restriction on type and material of handles.

Protection: 1 mm thick MAP intumescent (interdens) sheet applied to both faces of the lock case

Alternative CERTIFIRE locks/latches may be utilised subject to the conditions within the relevant certificate.

10. Overhead Closers

All unlatched doorsets shall be fitted with a door closer covered by a CERTIFIRE certificate. Closers are not essential for fire performance if the doorset incorporates a latch and the leaf is in the closed and fully latched position. A self-closing device may however be required to be fitted to satisfy fire regulations and if fitted shall be a CERTIFIRE approved product. **Note: closers with mechanical hold-open mechanisms are not permitted to be used.**

11. Additional hardware

Lorient IS8010 automatic threshold seals (drop seals) may be fitted centrally in the bottom edges of doors which incorporate 2No bottom rails, complete with 1mm thick M.A.P intumescent protection to both faces of the seal.

The use of recessed drop seals is not permitted where doors leaves incorporate a single bottom rail.

Contact JELD-WEN UK Limited for further information.

12. Further Information

Further information regarding the details contained in this data sheet may be obtained from JELD-WEN UK Limited (Tel: 0845 122 2890).

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

Further information regarding BWF labelling requirements can be obtained from the British Woodworking Federation (Tel: 0207 608 5050).

Introduction

This document specifies constructional and other details for FD30 doors manufactured by JELD-WEN UK Limited and certified by CERTIFIRE under certificate No. CF573. Only doors complying with the details of this document may be marked or marketed as CERTIFIRE approved. Any change to, or deviation from, this specification requires the agreement of CERTIFIRE.

General

CERTIFIRE approval is applicable to both complete doorsets and door leaves. Where the door is not supplied in a completely fitted form it is a condition of approval that an agreed data sheet accompanies the product and is complied with in its entirety. Failure to do so will render the approval invalid and may jeopardise the fire performance of the product.

Scope of Approval

As defined in certificate of approval No. CF573.

1. Leaf Construction

1.1 Core	Material:	Flaxboard. For moulded-faced doors, Flaxboard with M.A.P intumescent strips stapled to both faces in recessed/moulded areas
	Thickness:	28 mm (min) before routing
	Density:	360 kg/m ³ (min)
	Jointing:	Flaxboard butt joined to stiles and rails (no mechanical fixing). Fixed to facing with adhesive.
Perimeter frame	<u>Option A – Double Rails</u>	
	Material:	European whitewood
	Dimensions:	Stiles : 28 mm x 23 mm (min) Double rails: Inner 28 mm x 28 mm (min) Outer 28 mm x 23 mm (min)
	Density:	450 kg/m ³ (min)
	Jointing:	Butt jointed
	<u>Option B – Single Rails</u>	
	Material:	European whitewood
	Dimensions:	Stiles 28 mm x 23 mm (min) Single rails: 28 mm x 28 mm (min)
	Density:	450 kg/m ³ (min)
	Jointing:	Butt jointed
Facing	Material:	MDF (including veneered options)
	Thickness:	3 mm thick (minimum)
	Density:	800 kg/m ³
Or	Material:	Hardboard
	Thickness:	3 mm thick (minimum)
Or	Material:	Veneered Chipboard
	Thickness:	3 mm thick (minimum)
Or	Material:	Plywood
	Thickness:	3 mm thick (minimum)