CONSTRUCTIONAL SPECIFICATION FOR CERTIFIRE APPROVED CF 807

Introduction

This document specifies constructional and other details for Falcon FD30 doors manufactured from STREbord timber door blanks and certified by CERTIFIRE under certificate No. CF807. 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 door assemblies and door leaves. Where the door is not supplied in a fully fitted form it is a condition of approval that an agreed Data Sheet accompanies the product and is complied with in its entirely. 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. CF807.

1.	**Leaf and Overpanel Construction**		
1.1	Core:	**Option 1**	
		Material:	STREbord 44 fine surface wood particleboard
		Thickness:	44 mm minimum
		Density:	520 - 630 kg/m^3
		Option 2	
		Material:	STREbord 54 fine surface wood particleboard
		Thickness:	54 mm minimum
		Density:	570 - 650 kg/m^3
1.2	Internal Framing:	Not required	
1.3	Constructional facing:	Not required	
1.4	Decorative finishes:	See Data Sheet	
1.5	Lippings:	See Data Sheet STRElip is a laminated hardwood material of minimum density 720kg/m^3.	
1.6	Moisture content:	The moisture content of all timber based components shall be 9% (±2%).	

2.	**Leaf Dimensions**	
2.1	Leaf thickness:	44 mm +10 mm / - 1 mm (excluding decorative finish)
2.2	Leaf height / width:	As specified in Certificate of Approval
2.3	Configuration:	As specified in Certificate of Approval
2.4	Meeting edges:	Square or 12 mm equal rebates (20 mm lipping required)

3. Door Frame

As specified in Data Sheet

STREframe is manufactured from solid hardwood (not laminated or finger jointed) with a minimum density of 510kg/m^3.

STREframe E is manufactured from finger jointed softwood with a minimum density of 510kg/m^3.

4. Overpanels / Sidepanels

As specified in Data Sheet

5. Glazed Fanlights

5.1 Any CERTIFIRE approved glazing system may be used providing the installation details given in the appropriate certification documents are adhered to.

6. Glazed Apertures

6.1 One of more glazed openings systems may be included in each leaf.

6.2 Apertures: As specified in Data Sheet

6.3 Glazing system: As specified in Data Sheet

7. Recessed Solid Panels

As specified in Data Sheet.

8. Hardware/Intumescent Seals

As specified in Data Sheet

9. Labels

9.1 Labels of the CERTIFIRE design referencing CERTIFIRE CF807 and FD30 fire resistance, to be applied to each approved door leaf in the prescribed position