

Date: 08/08/2016

Revision: 02

General Product & Quality Specification

Doors Frames

Introduction:

Door frames can be an essential component within any door installation. Timber door frames are manufactured from quality selected softwood and are available to suit most popular door sizes.

Exterior grade frames are fitted with a weather strip as standard. Frames supplied with a threshold are supplied with a water bar that requires a 15mm rebate on inner bottom edge to the door. Mobility compliant frames are supplied with a low level water bar and must be specified.

Environmental Certification:

Doors are manufactured under the formally audited Environmental Standard BS EN ISO 14001. All materials used are from known managed sources, including some formally certified components. Frames supplied without a hardwood threshold are manufactured in accordance with the principles of FSC (C016232).

Dimensional tolerances apply as follows:

	Tolerance EN1529	Measurement Method
Width	+/- 1.5mm	EN 951
Length	+/- 1.5mm	EN 951
Thickness	+/- 1.0mm	EN 951
Squareness	1.5mm	EN 951
	Tolerance EN1530	
Twist	8mm	EN 952
Bow	8mm	EN 952
Cup	4mm	EN 952
Local Flatness	0.4mm	EN 952

Quality:

Manufacture is controlled against a formal quality management system, ISO 9001. The moisture content of all timber components is critically controlled in line with the industry norm, based on BS EN 942, and will not exceed 14-18% moisture content at time of despatch. Details of applicable product warranties, including qualifying terms and conditions, are available from the current Premdor Range Guide or website. Alternatively contact Premdor's Technical or Sales Team for specific guidance.

Grading

All internal and external frames are graded on the three visible faces to ensure the quality of the product. At supply, all graded faces will be free from unsound, bark rings, loose or dead knots. Graded faces will also be free from resin pockets, blue stain and insect attack defects. Live knots of up to 55mm are allowed on all graded faces.

Packaging and Product Identification:

Frames to suit single doors will be supplied assembled, where frames to suit a pair of doors, and FD60 rated frames will be supplied unassembled.

Fire doors:

The door frames can be installed in brick, block, masonry or timber stud of minimum thickness 70mm, providing at least 30 minutes of fire resistance.

The steel studs supporting the door frame must have adequate timber bracing to ensure that they are stable in a fire. The wall system manufacturer must be consulted for advice on this. Failing this the steel stud that support the hinges and latch legs of the door frame must be braced to ceiling with timber at least 38mm thick by the width of the steel stud. The Timber bracing must be firmly fixed to the floor and ceiling and the door frame must be firmly fixed to this timber bracing at, at least 4 points on each leg of the frame with steel fixings at a maximum 600mm centres.

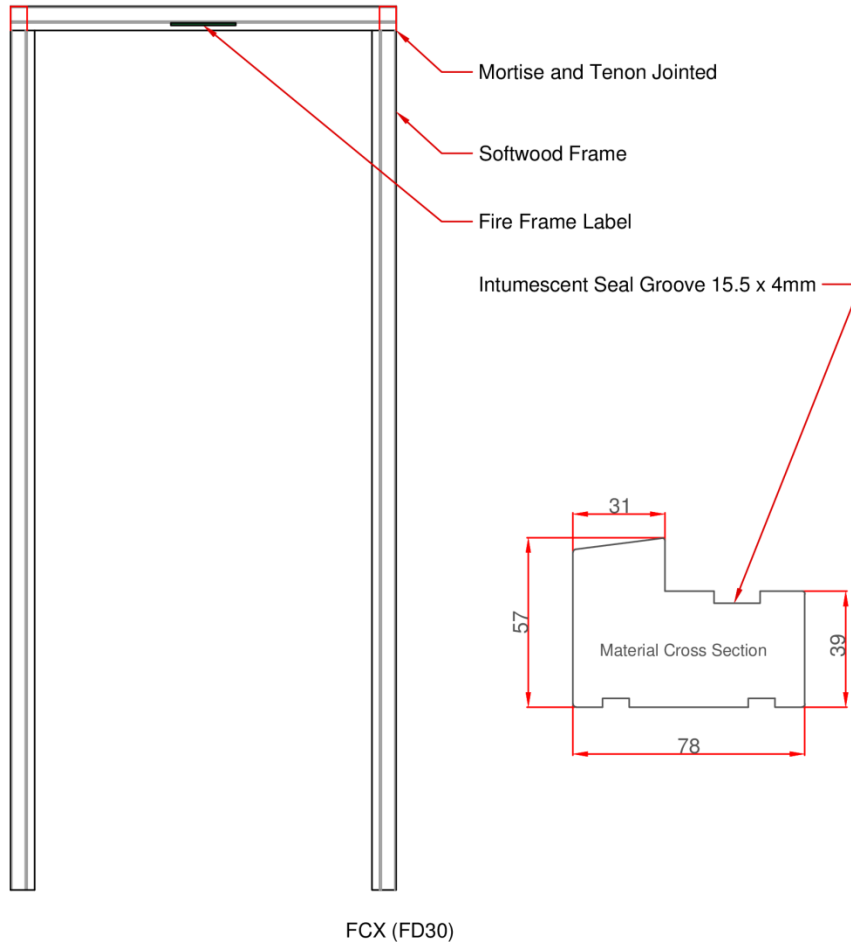
Constructional specification:

This document contains standard product drawings with, optional core constructions, door weights, and a product summary of the range see Annex A, or contact Premdor for more information.

Every effort has been made to ensure the accuracy of this information. In the interest of continuing design development however we reserve the right to modify specifications without prior notice and without incurring any obligation.

General Product & Quality Specification

Internal Fireshield Frame FCX – (FD30)



Constructional Detail:

Rebated to Suit:

44mm Doors Only

Material Species:

European Redwood

Material Finish:

Primed with a 'Honey' Stain Basecoat

Product Weight:

~15kgs

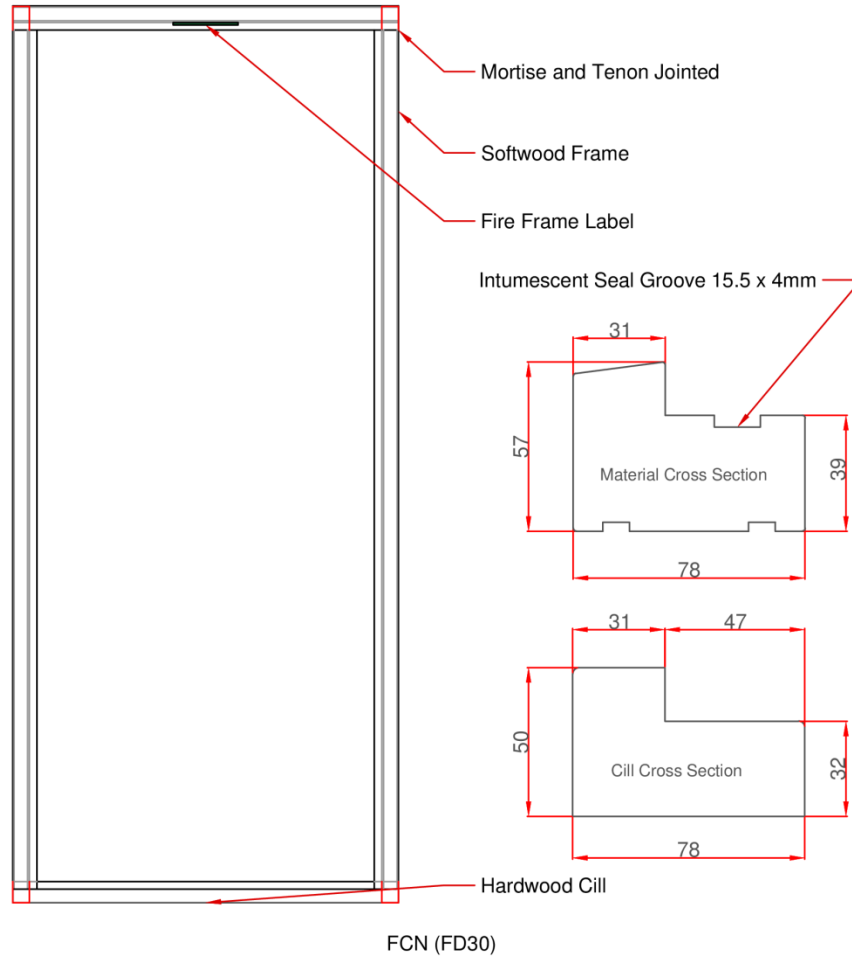
Intumescent supplied fitted.

All Fire Certification Documents freely available for download from;

<http://www.premdor.co.uk/downloads/fire-certificates>

General Product & Quality Specification

Internal Fireshield Frame & Threshold FCN – (FD30)



Constructional Detail:

Rebated to Suit:

44mm Doors Only

Material Species:

European Redwood (Non including Threshold)

Material Finish:

Primed with a 'Honey' Stain Basecoat

Product Weight:

~15.5kgs

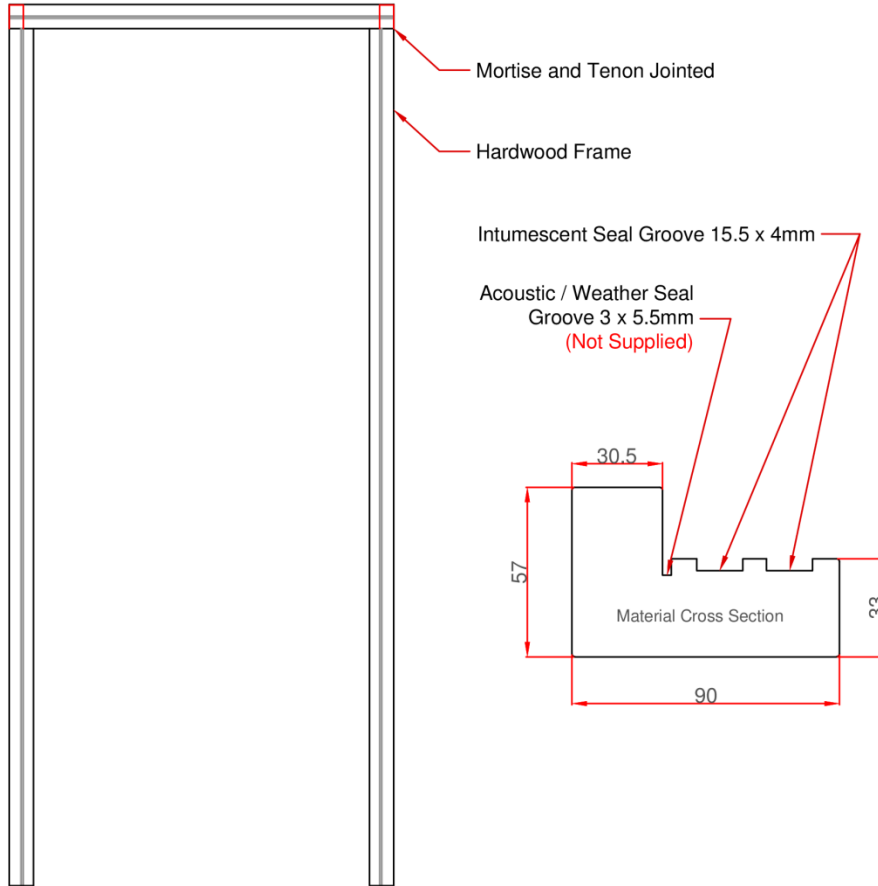
Intumescent supplied fitted.

All Fire Certification Documents freely available for download from;

<http://www.premdor.co.uk/downloads/fire-certificates>

General Product & Quality Specification

Internal Firemaster Frame FCX – (FD60)



FCX (FD60)

Constructional Detail:

Rebated to Suit: 54mm Doors Only

Material Species: Hardwood

Material Finish: Untreated

Product Weight: ~16.5kgs

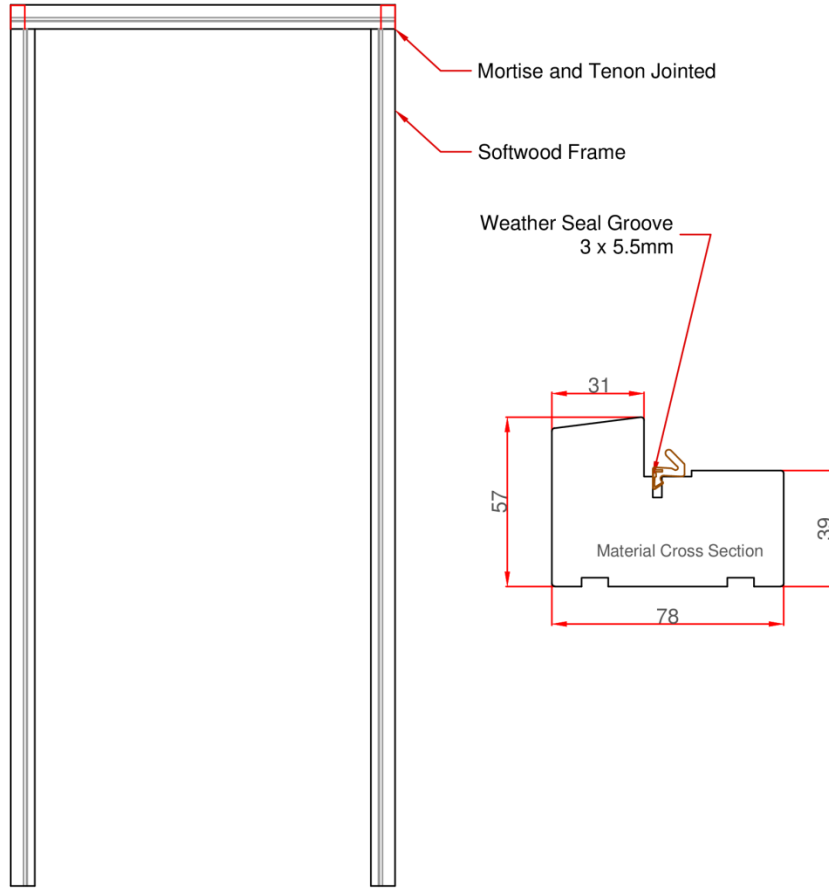
Intumescent supplied fitted.

All Fire Certification Documents freely available for download from;

<http://www.premdor.co.uk/downloads/fire-certificates>

General Product & Quality Specification

Standard External Frame



FWN (External Grade)

Constructional Detail:

Rebated to Suit:

44mm Doors Only

Material Species:

European Redwood

Material Finish:

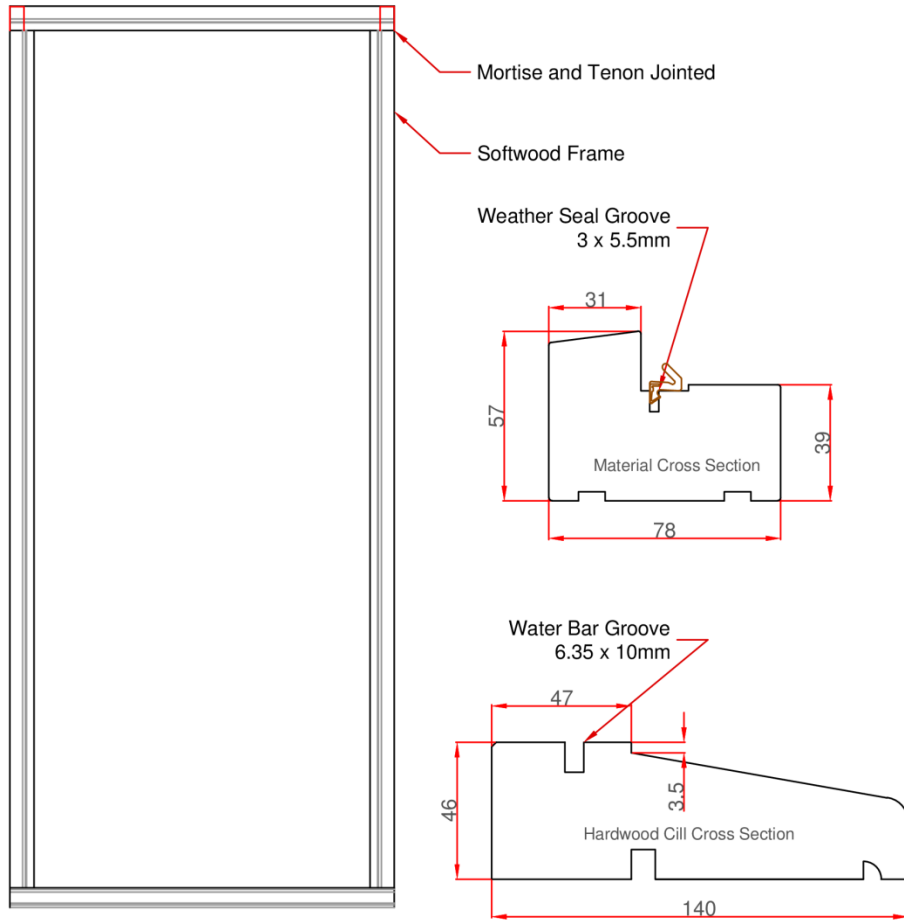
Treated, and Primed with a 'Honey' Stain Basecoat

Product Weight:

~17kgs

General Product & Quality Specification

Standard External Frame & Threshold



FWNS & FWXS (External Grade)

Constructional Detail:

Rebated to Suit:

44mm Doors Only

Material Species:

European Redwood (Non including Threshold)

Material Finish:

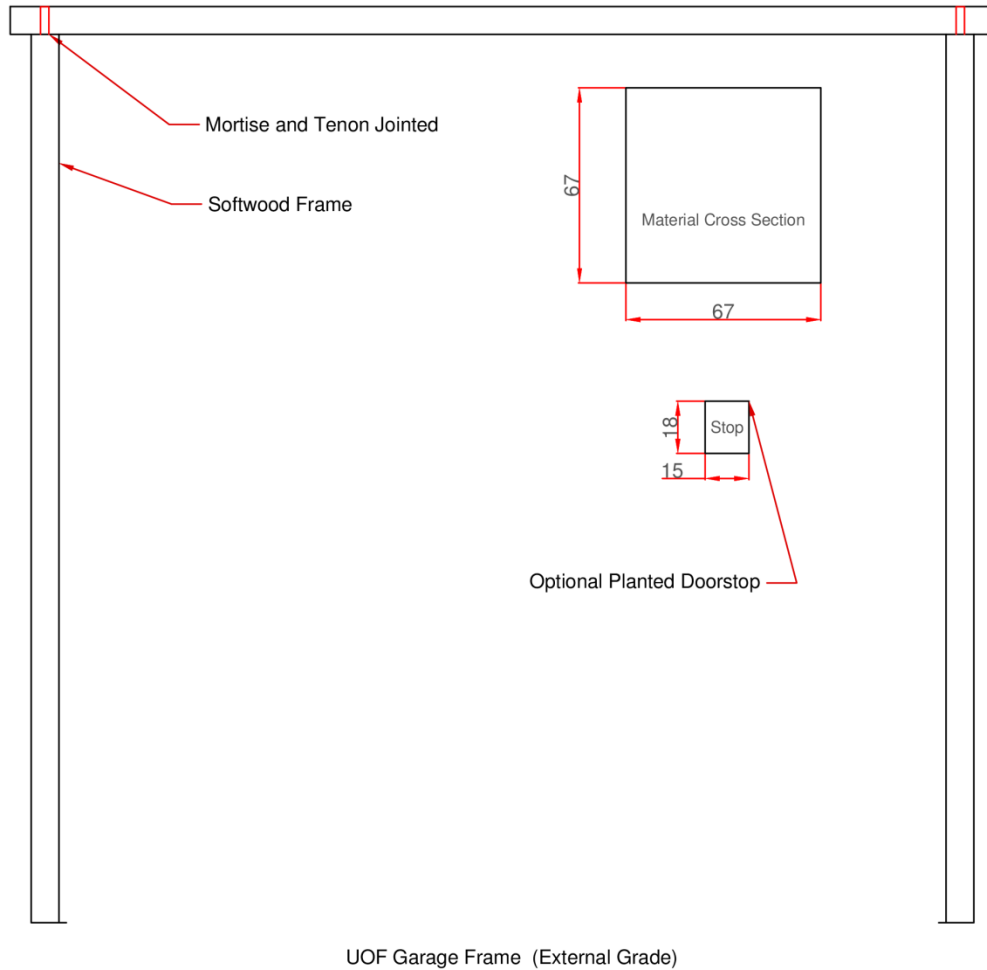
Treated, and Primed with a 'Honey' Stain Basecoat

Product Weight:

~18.5kgs

General Product & Quality Specification

Garage Door Frame



Constructional Detail:

Rebated to Suit:

44mm Doors Only

Material Species:

European Redwood (Non including Threshold)

Material Finish:

Primed with a 'Honey' Stain Basecoat

Product Weight:

~14kgs