



# General Product & Quality Specification

## Flush (HPL) High Pressure Laminated Doors

### Introduction:

High Pressure Laminated (HPL) doors are highly versatile and designed for internal use only. HPL products are impervious to water and have excellent scratch and impact resistance. This product must not be exposed to or installed in damp ambient conditions, including where wet trades have recently been active.

Door faces are Matt finished, with additional options available, the laminate is laid 'edge to edge' over factory applied (concealed) hardwood lipping's. Edges require site decoration. The door must be **fully sealed** on all edges, especially on the top and bottom.

### Dimensional tolerances apply as follows:

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

### 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. In addition, particularly for use within "sustainable" projects, Fireshield (FD30) doors carry full Chain of Custody compliance, controlled against PEFC certification (SGS-PEFC/CoC 0090).

**Quality:**

Manufacture is controlled against a formal quality management system, ISO 9001. At supply, door faces and edges will be visibly defect free, when viewed from 2 meters distance. The moisture content of all timber components is critically controlled in line with the industry norm, based on BS EN 942. Door faces will not exceed 8%-12% 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.

**Laminate Options**

The following laminates are available: Menu White, Caribbean Blue, Macedoine Oak, Meymac Oak, White Maple, and Natural Maple with over 80 standard colours and additional options upon request.

Laminated door faces will be as advertised, but no specific matching is committed or intended. Edge lipping's will be hardwood, and will either compliment or contrast with the face laminate.

**Packaging and Product Identification:**

Doors are clear plastic wrapped for surface protection. A Product Code or ID is ink marked on the doors top edge, together with lock side indicator if relevant.

**Fire doors:**

FD30 products carry a uniquely numbered identification label applied to the top door edge, indicating compliance with type testing under BS 476 Part 22. All Fire doors are also BWF Certifire accredited. The tamper proof label should not be altered or removed, even after installation.

**Glazed doors:**

Factory glazed doors incorporate toughened safety glass to the requirements of BS EN 12600. Panes are discreetly marked accordingly, typically at a corner point of the glass. Glass is suitably bedded and beads are securely fixed. Apertures must not be added to fire doors retrospectively except under specific Premdor approval and BWF Certifire compliance.

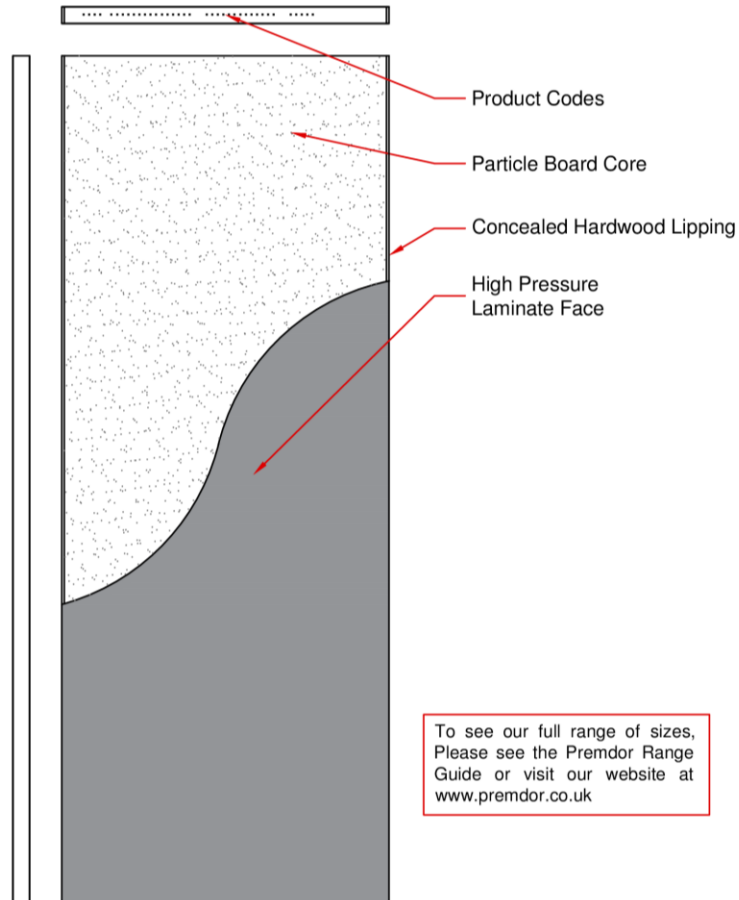
**Constructional specification:**

This document contains standard product drawings with, optional core constructions, door weights, and a product summary of the Veneered Flush 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

## Solid Core Flush High Pressure Laminate



Solid Core High Pressure Laminate

### Assembly Components (Size pre-trim)

Typical door weight:	28kgs (762mm x 1981mm)
Maximum Long edge trim:	3mm
Maximum Top and Bottom edge trim:	Unrestricted.

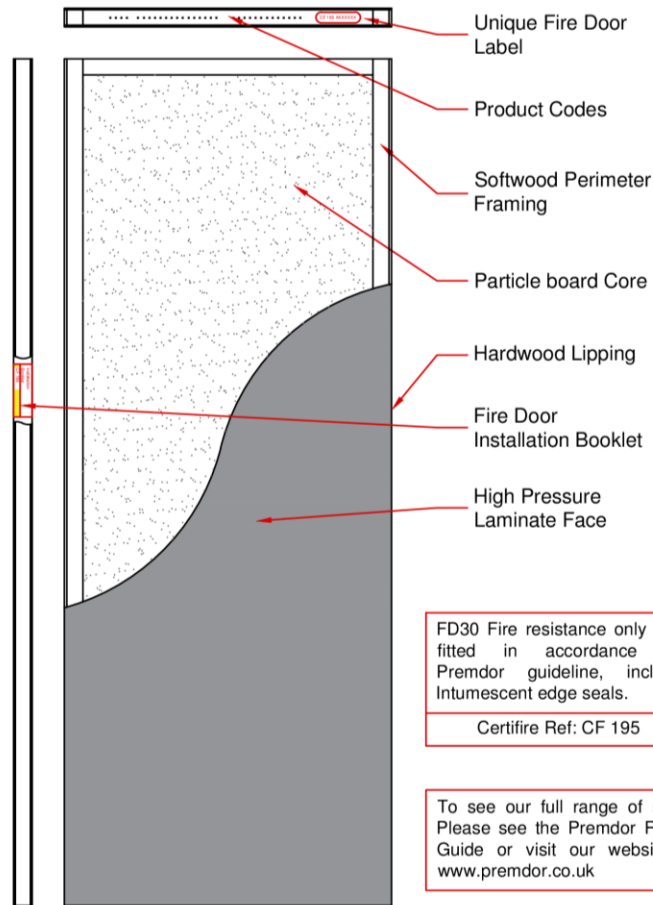
6mm Hardwood lipping's applied to both long edges.\*

Lock fixing position directly into the core.

\*Size subject to manufacturing trim, after door assembly.

# General Product & Quality Specification

## Framed Fireshield Flush High Pressure Laminate – (FD30)



FD30 Fire resistance only when fitted in accordance with Premdor guideline, including Intumescent edge seals.

Certifire Ref: CF 195

To see our full range of sizes, Please see the Premdor Range Guide or visit our website at [www.premdor.co.uk](http://www.premdor.co.uk)

Framed Fireshield High Pressure Laminate - (FD30)

### Assembly Components (Size pre-trim)

Perimeter Framing (Whitewood):	38 x 38mm (44mm Imperial Doors)* 38 x 38mm (44mm Metric Doors)*
Typical door weight :	34kgs (762mm x 1981mm)
Maximum Long edge trim:	3mm
Maximum Top and Bottom edge trim:	5mm

6mm Hardwood lipping's applied to both long edges.\*

Lock fixing position directly into the core.

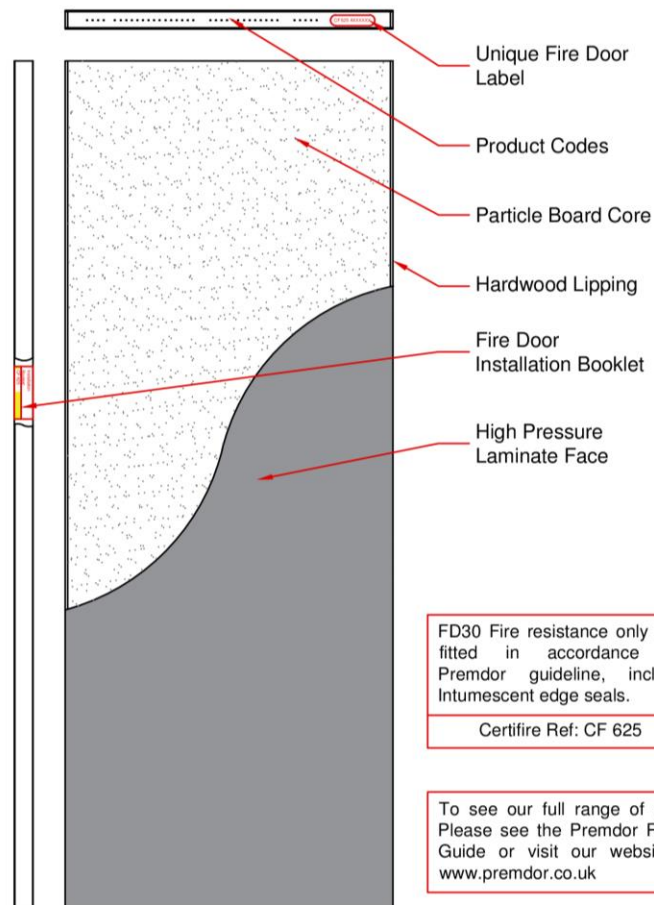
\*Size subject to manufacturing trim, after door assembly.

All Fire Certification Documents freely available for download from;

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

# General Product & Quality Specification

## Fireshield Flush High Pressure Laminate - (FD30)



Fireshield High Pressure Laminate - (FD30)

### Assembly Components (Size pre-trim)

Typical door weight:	38kgs (762mm x 1981mm)
Maximum Long edge trim:	3mm
Maximum Bottom edge trim:	Unrestricted.
Maximum Top edge trim:	No top trim allowed.

6mm Hardwood lipping's applied to both long edges.\*

Lock fixing position directly into the core.

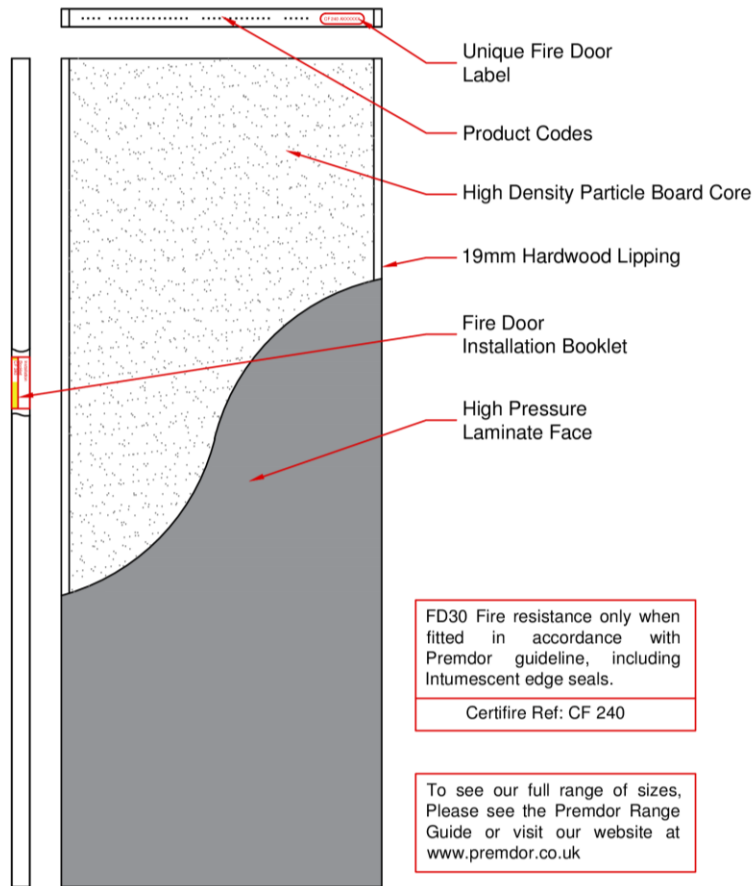
\*Size subject to manufacturing trim, after door assembly.

All Fire Certification Documents freely available for download from;

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

# General Product & Quality Specification

## SoundSecure Flush High Pressure Laminate - (FD30)



SoundSecure Fireshield High Pressure Laminate - (FD30)

### Assembly Components (Size pre-trim)

Vertical Edge Lipping (Hardwood):	19mm (44mm Imp/Met Doors)*
Typical door weight	52kgs (762mm x 1981mm)
Maximum Top edge trim	Top trim not allowed.
Maximum Bottom edge trim	Unrestricted.
Maximum Long edge trim	3mm

Lock fixing position directly into the core.

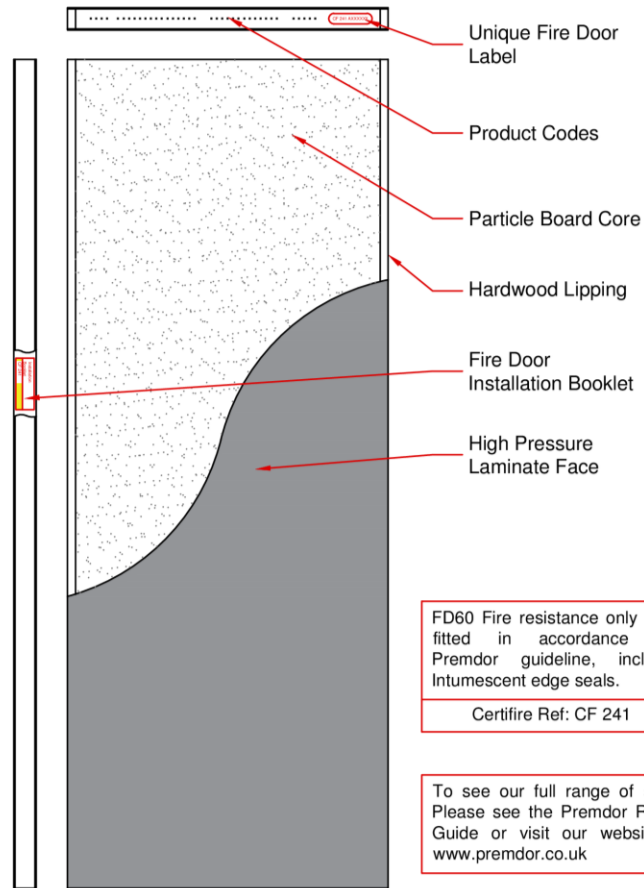
\*Size subject to manufacturing trim, after door assembly.

All Fire Certification Documents freely available for download from;

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

# General Product & Quality Specification

## Firemaster Flush High Pressure Laminate - (FD60)



Firemaster High Pressure Laminate - (FD60)

### Assembly Components (Size pre-trim)

Vertical Edge Lipping (Hardwood):

6mm (54mm Imp/Met Doors)\*

Typical door weight:

54kgs (762mm x 1981mm)

Maximum Long edge trim:

3mm

Maximum Bottom edge trim:

Unrestricted.

Maximum Top edge trim:

Top trim not allowed.

6mm Hardwood lipping's applied to both long edges.\*

Lock fixing position directly into the core.

\*Size subject to manufacturing trim, after door assembly.

All Fire Certification Documents freely available for download from;

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