

## Halspan Prima 30 3 Layer Particle Board Door-sets

**MANN MCGOWAN**  
Advanced Intumescent Technology

This data sheet has been produced to assist joinery manufacturers using Halspan Prima cores to select the correct Mann McGowan® products when manufacturing fire resisting and smoke control doors.

### Prima for FD 30 and FD 30(S) door-sets in timber frames

#### Door edge seal specification

Configuration	Position	FD 30	FD 30(S)
<b>LSASD + ULSASD</b>	Head	1no.100PSA 10 x 4	1no. 100PSSSA 10 x 4
	Jambs	1no.100PSA 10 x 4	1no. 100PSSSA 10 x 4
<b>LSASD + ULSASD + DASD</b>	Head <2200mm	1no.100PSA 10 x 4	1no. 100PSSSA 10 x 4
	2201-3000mm	1no.100PSA 20 x 4	1no. 100PSSSA 20 x 4
	>3000mm	1no.100PSA 25 x 4	1no. 100PSSSA 25 x 4
	Jambs < 950mm	1no.100PSA 10 x 4	1no. 100PSSSA 10 x 4
	951mm	1no.100PSA 15 x 4	1no. 100PSSSA 15 x 4
<b>LSADD + ULSADD</b>	Head < 2400mm	1no.100PSA 10 x 4	1no. 100PSSSA 10 x 4
	2401-2599mm	1no.100PSA 20 x 4	1no. 100PSSSA 20 x 4
	2600-2831mm	1no.100PSA 30 x 4	1no. 100PSSSA 30 x 4
	Jambs Exposed	1no.100PSA 10 x 4	1no. 100PSSSA 10 x 4
	Jambs Concealed	1no.100ECSA 32 x 2	1no. 100ECSA 32 x 2 s+ 1no. ACS 1 Smoke seal
	Meeting Stiles square	2no.100PSA 10 x 4	1no. 100PSSSA 10 x 4 + 1no. 100PSA 10 x 4
	Meeting Stiles Rebated	2no.100PSA 15 x 4	1no. 100PSSSA 15 x 4 + 1no. 100psa 15 x 4
<b>DADD</b>	Head <2400mm	1no.100PSA 10 x 4	1no. 100PSSSA 10 x 4
	Head 2401-2549mm	1no.100PSA 20 x 4	1no. 100PSSSA 20 x 4
	Head 2550-2831mm	1no.100PSA 30 x 4	1no. 100PSSSA 30 X 4
	Jambs	1no.100PSA 10 x 4	1no. 100PSSSA 10 x 4
	Meeting stiles	2no.100PSA 10 x 4	1no. 100PSSSA 10 x 4 + 1no. 100PSA 10 x 4
<b>LSASD + OP ULSASD + O/P</b>	Head Square	1no. 100PSA 20 x 4	1no. 100PSSSA 20 x 4
	Head Rebated	2no. 100PSA 10 x 4	1no. 100PSSSA 10 x 4 + 1no. 100PSA 10 x 4
	Jambs Exposed	1no.100PSA 10 x 4	1no. 100PSSSA 10 x 4
	Jambs Concealed	1no. 100ECSA 32 x 2	1no. 100ECSA 32 x 2 + 1no. ACS 1 Smoke seal
<b>DASD + O/P</b>	Head	1no. 100PSA 20 x 4	1no. 100PSSSA 20 x 4
	Jambs Exposed	1no.100PSA 10 x 4	1no. 100PSSSA 10 x 4
	Jambs Concealed	1no. 100ECSA 32 x 2	1no. 100ECSA 32 x 2 + 1no. ACS 1 Smoke seal
<b>LSADD + O/P ULSADD + O/P</b>	Head Square	1no. 100PSA 20 x 4	1no. 100PSSSA 20 x 4
	Head Rebated	2no. 100PSA 15 x 4	1no. 100PSSSA 15 x 4 + 1no. 100PSA 15 x 4

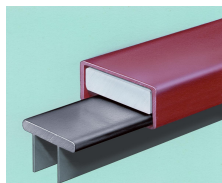
	Jambs Exposed Jambs Concealed	1no. 100PSA 10 x 4 1no. 100ECSA 32 x 2	1no. 100PSSSA 10 x 4 1no. 100ECSA 32 x 2 + 1no. ACS 1 Smoke seal
	Meeting Stiles	2no. 100PSA 10 x 4	1no. 100PSSSA 10 x 4 + 1no. 100PSA 10 x 4
<b>DADD + O/P</b>	Head	1no. 100PSA 20 x 4	1no. 100PSSSA 20 x 4
	Jambs Exposed Jambs Concealed	1no. 100PSA 10 x 4 1no. 100ECSA 32 x 2	1no. 100PSSSA 10 x 4 1no. 100ECSA 32 x 2 + 1no. ACS 1 Smoke seal
<b>Panel Doors LSASD ULSASD DASD</b>	Head < 2500mm Head 2501- 2799mm	1no. 100PSA 20 x 4 1no. 100PSA 25 x 4	1no. 100PSSSA 20 x 4 1no. 100PSSSA 25 x 4
	Jambs Exposed < 950mm Jambs Exposed >951mm Jambs Concealed	1no. 100PSA 10 x 4 1no. 100PSA 15 x 4 1no. 100ECSA 32 x 2	1no. 100PSSSA 10 x 4 1no. 100PSSSA 15 x 4 1no. 100ECSA 32 x 2 + 1no. ACS 1 Smoke seal
<b>Panel Doors LSADD ULSADD DADD</b>	As Above		
	Meeting Stiles	2no. 100PSA 10 x 4	1no. 100PSSSA 10 x 4 + 1no. 100PSA 10 x 4

L = latched UL = unlatched SA = single action SD = single door DA = double action DD = double door OP = Overpanel

**Pyrostrip**® 100PSA and 100PSSSA Contains Palusol intumescent material

In FD30(S) applications - our **Flexifin-Twin** thermoplastic rubber smoke seal can be used in place of SS brush pile smoke seal if preferred.

**Flexifin Twin** has also been tested as an Acoustic seal to BS EN ISO 140-3 + 717-1



## Glazing

**Pyroglaze**® 30 seals can be used on glazed apertures up to 1.28m<sup>2</sup>

Glasses include

5mm Fivestar

6mm Pyroswiss

6mm Pyroshield

6mm Pyran S

6mm Sureglaze Clear (Max 0.41m<sup>2</sup>)

6mm Sureglaze Clear Wired

7mm Pyrocet

6mm Interglaze E 30

7mm Pyrodur

7.2 mm Pyroguard Clear (max 0.90m<sup>2</sup>)

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7.2mm Pyroguard Wired

7mm Sureglaze Clear

7mm Pyrobelite

7.5mm Pyrodur Plus

10mm Pyrodur

12mm Pyrobel

13mm Pyrodur

15mm Pyrostop

### Ironmongery Protection

Lock strikes and lock forends must be bedded on **Interdens**

GU Ferco 3 Deadbolt requires 1no. **Pyrostrip®** 500PSA 25 x 4 in the closing edge frame reveal.

Mitron C2300 requires a **Pyrohinge®** intumescent pack.

Face mounted flush bolts **Pyromas®**

Edge fixed flush bolts **Pyromas®** + **Pyrohinge®**

Floor Springs **Pyrohinge®** gasket set

Flush Bolts **Interdens**

Cable Way **Interdens**

### Letter Plate Cut out/Boxes

**Pyropost®** Fire Resisting Letter Plates

### Sealing to Structural Openings

**Pyromas®** A intumescent sealant

### Availability

**Pyrostrip®, Pyroglaze®, Pyrohinge®, Pyromas®, Pyropost® Palusol** and **Interdens** are available directly from **Mann McGowan®**. Please see below for contact details.

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Glass and Glazing Federation

