

Halspan Optima 60 3 Layer Particle Board Door-sets

MANN MCGOWAN
Advanced Intumescent Technology

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

Optima for FD 60 and FD 60(S) door-sets in timber frames

Door edge seal specification

Configuration	Position	FD 60	FD 60(S)
LSASD ULSASD DASD	Head	2no.100PSA 15 x 4	1no. 100PSSSA 15 x 4 + 1no. 100PSA 15 x 4
	Jambs	2no.100PSA 15 x 4	1no. 100PSSSA 15 x 4 + 1no. 100PSA 15 x 4
LSADD ULSADD DADD	Head	2no.100PSA 15 x 4	1no. 100PSSSA 15 x 4 + 1no. 100PSA 15 x 4
	Jambs Meeting Stiles	2no.100PSA 15 x 4	1no. 100PSSSA 15 x 4 + 1no. 100PSA 15 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 FD60(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® 60 seals can be used on glazed apertures up to 0.40m²

Glasses include

6mm Pyroshield safety

6mm Pyran S

6mm Sureglaze Wired

15mm Pyrostop

Ironmongery Protection

Hinges 1mm **Interdens**

Lock bodies-strikes + lock forends must be bedded on 1mm **Interdens**

At meeting stiles of pairs, the strike + forends must be protected using **Interdens**

Face mounted flush bolts **Pyromas**®

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

Floor Springs **Pyrohinge**® gasket set

Flush Bolts **Interdens**

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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Mann McGowan® Group

Tel + 44 (0) 1252 333601 Fax + 44 (0) 1252 322724

Mail technical@mannmcgowan.co.uk

www.mannmcgowan.com



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