

# Halspan AFS FD60 59mm

Halspan's AFS FD60 internal fire door is a high performance acoustic composite door blank offering fire protection with acoustic insulation. This door ideally complements our fire protection doors by offering a widely demanded combination of fire protection and sound insulation.



## Fire Rating FD60

<b>Tested in Accordance with:</b>	BS EN 1634-1 2014 + A1 2018		 
<b>Maximum Approved Sizes*</b> <small>(Please check standard supplied sizes shown at the end of this document)</small>	FD60/EI60 Fire and Acoustic Single Door	2346mm x 966mm 2128mm x 1065mm	
	FD60/EI60 Fire and Acoustic Double Door	2806mm x 1095mm 2547mm x 1207mm	
*Maximum approved sizes based on timber door frames. Refer to test data for full details.	FD60S/EI60S Fire Smoke and Acoustic Double Door	2440mm x 1050mm	
<b>Approved Frames</b>	Timber, hardwood		
<b>Panel Effect</b>	No		
<b>Feature Grooves</b>	No		
<b>Maximum Glazing Size</b>	0.27m <sup>2</sup>		



## Acoustics

<b>Tested in Accordance with:</b>	BS EN ISO 10140-2:2010	
<b>Acoustic Performance</b>	Single Doors	Unglazed 41dB/Rw
		Glazed 42dB/Rw
	Double Doors	Unglazed 42dB/Rw
		Glazed 42dB/Rw



## Environmental

<b>U-value (Wm2K)</b>	Heat loss per m <sup>2</sup> 1.5 (doorset)	 <p>Look for our FSC® certified products</p>
<b>Formaldehyde Release Rating</b>	BS EN 13986 (2004) – Class E05	



## General Properties

<b>Weight</b>	44kg/m <sup>2</sup>
<b>Density (±10%)</b>	638 kg/m <sup>3</sup>
<b>Moisture Content</b>	Ex factory 9-13%



## Hinges

Product Name	Product Code	Image
Halspan Grade 13 Radius Corner Hinge 60 Minute (includes intumescent)	BOM-HIN-201	
Halspan Grade 13 Square Corner Hinge 60 Minute (includes intumescent)	BOM-HIN-200	
Halspan CEAM Art Stars 3D Concealed Hinge No Screws Supplied 160 x 32mm 30/60 Minute (includes intumescent)	BOM-HIN-301	



## Closers

Product Name	Product Code	Image
Halspan 9200 Cam Action Concealed Closer EN2-5 30/60 Minute	BOM-CCL-025	
Halspan 9000 Rack & Pinion Closer EN2-5	CLR-PWR-100	



## Locks

Product Name	Product Code	Image
Halspan DIN Sash Lock Radius Forend 60 Minute BSS (comprising LCK-BSS-104-BSS + SLS-PAD-109)	BOM-LCK-111	
Halspan DIN Sash Lock Square Forend 60 Minute	BOM-LCK-105	



## Lever Handles

Product Name	Product Code	Image
Halspan Lever Handles Sprung Rose	LVR-200-BSS	



## Cylinders

Product Name	Product Code	Image
Halspan Kinetica 3* Cylinder PAS24. Compliant to suit 59mm door PC	KIN-CYL-059-PCR	



**Bolts**

Product Name	Product Code	Image
Halspan Flush Bolt Radius 203mm x19mm 60 Minute	BOM-BLT-060	
Halspan Barza Door Bolt Kit Non Lockable 220mm	BOM-BZR-123	
	BOM-BZR-523	
Halspan Barza Door Bolt Kit Lockable 220mm Stainless Steel	BOM-BZR-423	

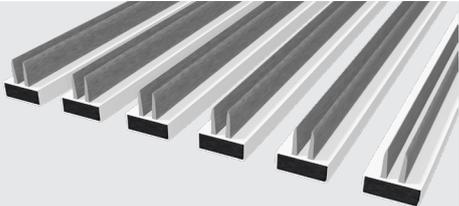


**Ancillary**

Product Name	Product Code	Image
Halspan Escutcheon 52mm dia x 8mm	ESC-528-BSS	
Halspan Fire Door Viewer	DOR-VWR-AFS	



**Seals**

Product Name	Product Code	Image
Halspan Acoustic, Fire and Smoke Drop Seal (430mm, 530mm, 630mm, 730mm, 830mm, 930mm, 1030mm and 1130mm)	SLS-DRP-AFS	
Halspan Fire Only Seal 15mm x 4mm x 2100mm	SLS-PLA-154-21	
Halspan 60 Minute Intumescent Glazing Tape 20mm x 5mm x 20metres	SLS-GLZ-112	
Halspan Fire, Smoke & Acoustic Twin Fin Seal 15mm x 4mm x 2100mm 15mm x 4mm x 2500mm 15mm x 4mm x 3000mm	SLS-TWF-154-21 SLS-TWF-154-25 SLS-TWF-154-30	
Halspan Smoke and Acoustic Perimeter Seal 10mm x 10mm x 2600mm	SLS-ACS1-BLK-26	



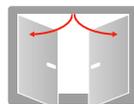
## Design Criteria

<p>Stock Board Sizes*</p> <p>*Other sizes available upon request</p>	<ul style="list-style-type: none"> <li>• HAL-AFS-059-001 – 2135mm x 915mm x 59mm</li> <li>• HAL-AFS-059-002 – 2440mm x 1220mm x 59mm</li> <li>• HAL-AFS-059-003 – 2750mm x 1220mm x 59mm</li> <li>• HAL-AFS-059-004 – 2200mm x 1000mm x 59mm</li> <li>• HAL-AFS-059-005 – 2200mm x 1070mm x 59mm</li> <li>• HAL-AFS-059-006 – 2200mm x 1100mm x 59mm</li> <li>• HAL-AFS-059-007 – 2400mm x 1100mm x 59mm</li> </ul>
Lipping Glue Lines	PU
Lipping Section Details	13mm thick
Standard Intumescent	Halspan Intumescent Kit

## Doorset Configurations



LSASD



LSADD

The information in this brochure is correct at time of going to press however our designs, specifications and certifications may change in the interest of product development following publication. If you would like to make a query about any of the details in this document, please contact Halspan via our website, or call our office in the UK on +44 (0)3300 563836.



NBS warringtonfire