



# Halspan FD90 64mm

## Fire Rated Interior Grade Door Blanks

Halspan 90 internal fire door blanks feature Halspan's unique 3-layer particle board. Specifically designed for the purpose, using a complex combination of chemical and engineering development, these blanks produce doors of altogether superior quality, strength and overall performance.



### Fire Rating FD90

<b>Tested in Accordance with:</b>	BS 476: Part 22: 1987, BS EN 1634-1:2000/2008 & BS EN 1363-1:1999		 
<b>Maximum Approved Sizes*</b> (Please check standard supplied sizes shown overleaf) * Maximum approved sizes based on timber door frames. Refer to test data for full details.	Single Doors	2800 x 1020mm	
		2856 x 1000mm	
	Double Doors	2150 x 940mm	
		2200 x 915mm	
<b>Approved Frames</b>	Timber Hardwood		
<b>Approved Glazing Size</b>	0.56m <sup>2</sup>		
<b>Panel Effect</b>	No		
<b>Feature Grooves</b>	No		



### Acoustics

<b>Tested in Accordance with:</b>	BS EN ISO 10140-2:2010	
<b>Acoustic Performance</b>	Single Doors	Unglazed 35dB/Rw
		Glazed 36dB/Rw
	Double Doors	Unglazed 33dB/Rw
		Glazed 35dB/Rw



### Environmental

<b>Formaldehyde Release Rating</b>	BS EN 13986 (2004) – Class E1	
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### Operational & Durability

<b>Tested in Accordance with:</b>	DD 171, EN 1191, EN 1192, EN 947, EN 949 & EN 950
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### General Properties

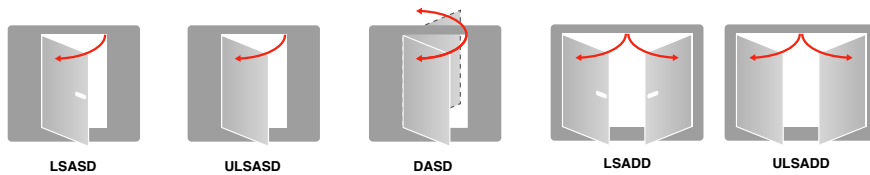
<b>Weight</b>	40.3 kg/m <sup>2</sup>
<b>Density (±10%)</b>	630 kg/m <sup>3</sup>
<b>Moisture Content</b>	Ex factory 6-10%



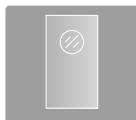
## Design Criteria

Stock Board Sizes	2150 x 1040 mm
Lipping Glue Lines - Timber	PVA U/F PU
Lipping Section Details	3mm thick
Rebated Lippings (double doors etc)	Not Permitted
Standard Intumescent	Halspan Intumescent Kit

## Doorset Configurations



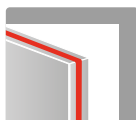
## Design Options



Glazing



## Seals & Hardware



Seals



Hardware

Refer to relevant product third party scope data and literature for further information.  
For technical guidance please contact the technical support team -  
[technical@halspan.com](mailto:technical@halspan.com)