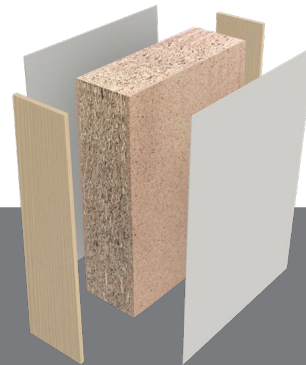




HALSPAN®





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

Tested in Accordance with:	BS 476: Part 22: 1987, BS EN 1634-1:2000/2008 & BS EN 1363-1:1999		 
Maximum Approved Sizes* * Maximum approved sizes based on timber door frames. Please refer to certification reports for the corresponding widths and heights.	Single Doors	Maximum height: 2854mm*	
		Maximum width: 1174mm*	
	Double Doors	Maximum height: 2586mm*	
		Maximum width: 1077mm*	
Approved Frames	Timber Hardwood, Steel		
Approved Glazing Size	0.551m²		
Panel Effect	No		
Feature Grooves	No		




Acoustics

Tested in Accordance with:	BS EN ISO 10140-2:2010		
Acoustic Performance	Single Doors	Unglazed 35dB/Rw	
		Glazed 36dB/Rw	
	Double Doors	Unglazed 33dB/Rw	
		Glazed 34dB/Rw	



Environmental

Formaldehyde Release Rating	0.05ppm when tested to EN 717-1 Classification - BS EN 13986 (2004) - Class E1 (max 0.1ppm)	 Look for our FSC® certified products
	E05 Grade	
	0.07ppm when tested to ASTM E1333 Classification - CARB II (2010) compliant (max 0.09ppm)	



Operational & Durability

Tested in Accordance with:	DD 171, EN 1191, EN 1192, EN 947, EN 949 & EN 950
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General Properties

Weight	40.3 kg/m ²
Density (±10%)	630 kg/m ³
Moisture Content	Ex factory 6-12%

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Fire Rated Interior Grade Door Blanks



Design Criteria

Stock Board Sizes	2150 x 1040 mm 2440 x 1220 mm
Lipping Glue Lines - Timber	PVA PUR U/F PVAc PU
Flat Timber Lippings	3-4mm thick
Rebated Lippings (double doors)	Not Permitted
Standard Intumescent	Halspan Intumescent Kit

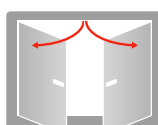
Doorset Configurations



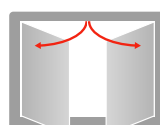
LSASD



ULSASD

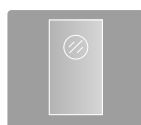


LSADD

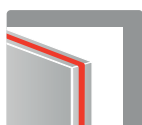


ULSADD

Design Options



Glazing



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

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.



The mark of responsible forestry