

Optima FD60 54mm

Fire Rated Interior Grade Door Blanks

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



Fire Rating FD60

Tested in Accordance with:	BS 476: Part 22: 1987, BS EN 1634-1:2000/2008 & BS EN 1363-1:1999	
Maximum Approved Sizes*	Single Doors	Maximum height: 3050mm* Maximum width: 1384mm*
	Double Doors	Maximum height: 2850mm* Maximum width: 1142mm*
Approved Frames	Timber Hardwood, MDF, Steel	
Approved Glazing Size	0.82m ²	
Panel Effect	No	
Feature Grooves	Yes	



Acoustics

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



Environmental

U-value (Wm²K)	Heat loss per m ² 1.8 (doorset)	 The mark of responsible forestry FSC® C003410
Formaldehyde Release Rating	BS EN 13986 (2004) – Class E1 CARB II E05 Grade	

Look for our
FSC® certified
products



Operational & Durability

Tested in Accordance with:	DD 171, EN 1191, EN 1192, EN 947, EN 949 & EN 950
Enhanced security performance requirements of door set	Tested to comply with PAS 24



General Properties

Weight	33.5kg/m ²
Density (±10%)	620 kg/m ³
Moisture Content	Ex factory 6-12%

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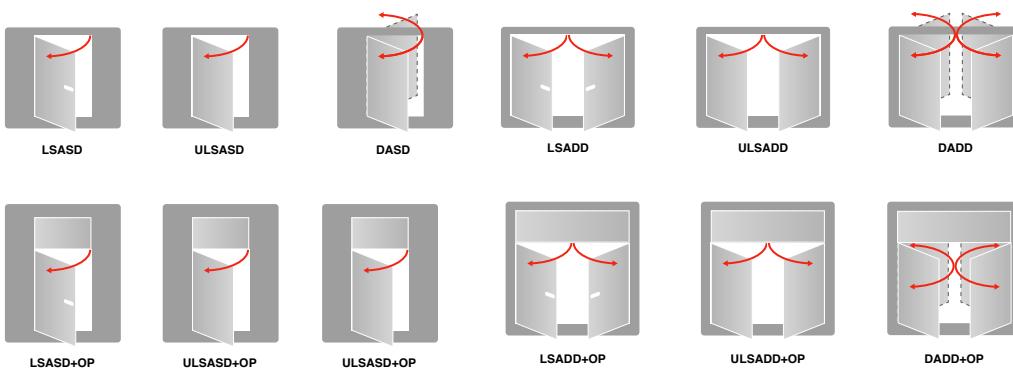
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Design Criteria

Stock Board Sizes	2135 x 915 mm	Lipping Glue Lines	UF
	2440 x 915 mm		PU
	2440 x 1220 mm		Hotmelt
	2050 x 826 mm		PUR
	2050 x 926 mm		
	2800 x 915 mm		
	2800 x 1830 mm		
	3050 x 1050 mm		
		Flat Timber Lippings	6 - 18 mm thick
		Rebated Timber Lippings (double doors)	20 - 30mm thick
		Standard Intumescent	Palusol Graphite

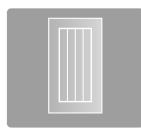
Doorset Configurations



Design Options



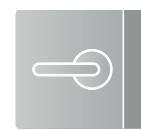
Glazing



Feature Grooves



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.



Timber Fire
Door
Manufacturer



Door Blank
Manufacturer



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The mark of
responsible forestry

