



## Halspan ProTech FD60 54mm Solid Timber Core Door Blanks

**Halspan ProTech** - Moisture resistant fire door blanks, made from a 3-layer solid timber core faced with Class 2 grade hardwood plywood, rated at 60 minutes. Also available with MDF facings for internal applications.



### Fire Rating FD60

<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> <small>* Maximum approved sizes based on timber door frames. Refer to test data for full details.</small>	Single Doors	2135 x 1046mm		
		2416 x 1210mm		
	Double Doors	2134 x 996mm		
		2312 x 916mm		
<b>Approved Frames</b>	Timber Hardwood			
<b>Approved Glazing Size</b>	0.5m <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 <b>Ply</b>	Unglazed 35dB/Rw	Single Doors <b>MDF</b>	Unglazed 35dB/Rw
		Glazed 36dB/Rw		Glazed 37dB/Rw
	Double Doors	Unglazed 33dB/Rw		
		Glazed 35dB/Rw		



### Environmental

<b>U-value (Wm2K)</b>	Heat loss per m <sup>2</sup> <1.6 (doorset)	 Look for FSC certified products
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### Operational & Durability

<b>Tested in Accordance with:</b>	EN 1191, EN 1192, EN 947, EN 948, EN 949, EN 950, BS EN 12046-2:2000, BS 6375 Part 3, Annex A and C
<b>Enhanced security performance requirements of door set</b>	Tested to comply with PAS 24
<b>Plywood EN 636-2. Class 2</b>	Plywood will not break up in humid conditions or if to be used externally. Plywood should be treated or covered.
<b>Glue EN 314-2. Class 2</b>	Humid conditions - appropriate for protected external applications, it is capable of resisting weather exposure for short periods of time. Also suitable for interior situations where moisture condition raised above the class 1 level.

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Solid Timber Core Door Blanks



## General Properties

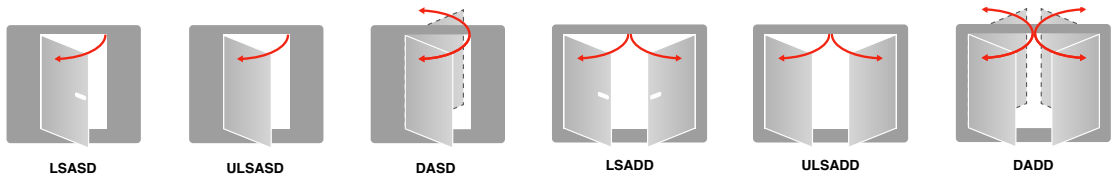
Weight	Ply faced: 27kg/m <sup>2</sup> · MDF faced: 30.6kg/m <sup>2</sup>
Density (±10%)	450 - 500 kg/m <sup>3</sup>
Moisture Content	Ex factory 8 - 12%



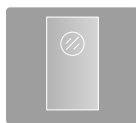
## Design Criteria

Lipping Glue Lines	PU WPB Melamine
Lipping Section Details	6 - 12 mm thick
Rebated Lippings (double doors etc)	Not Permitted
Standard Intumescent	Palusol Graphite

## 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)

