



HALSPAN®



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

Tested in Accordance with:	BS 476: Part 22: 1987, BS EN 1634-1:2000/2008 & BS EN 1363-1:1999			 
Maximum Approved Sizes* <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		
Approved Frames	Timber Hardwood			
Approved Glazing Size	0.5m ²			
Panel Effect	No			
Feature Grooves	No			




Acoustics

Tested in Accordance with:	BS EN ISO 10140-2:2010			
Acoustic Performance	Single Doors Ply	Unglazed 35dB/Rw	Single Doors MDF	Unglazed 35dB/Rw
		Glazed 36dB/Rw		Glazed 37dB/Rw
	Double Doors	Unglazed 33dB/Rw		
		Glazed 35dB/Rw		



Environmental

U-value (Wm2K)	Heat loss per m ² <1.6 (doorset)	
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Operational & Durability

Tested in Accordance with:	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
Enhanced security performance requirements of door set	Tested to comply with PAS 24
Plywood EN 636-2. Class 2	Plywood will not break up in humid conditions or if to be used externally. Plywood should be treated or covered.
Glue EN 314-2. Class 2	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.



General Properties

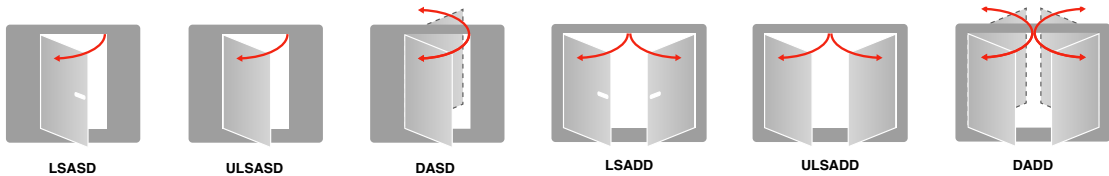
Weight	Ply faced: 27kg/m ² · MDF faced: 30.6kg/m ²
Density (±10%)	450 - 500 kg/m ³
Moisture Content	Ex factory 8 - 12%



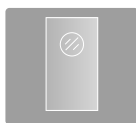
Design Criteria

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



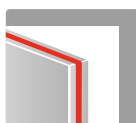
Design Options



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