



HALSPAN



Halspan ProTech FD30 44mm 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 30 minutes. Also available with MDF facings for internal applications.



Fire Rating FD30

Tested in Accordance with:	BS 476: Part 22: 1987, BS EN 1634-1:2000/2008 & BS EN 1363-1:1999			 
Maximum Approved Sizes* (Please check standard supplied sizes shown overleaf) * Maximum approved sizes based on timber door frames. Refer to test data for full details.	Single Doors	2438 x 1163mm		
		3014 x 926mm		
	Double Doors	2438 x 1113mm		
		2914 x 926mm		
Approved Frames	Timber Hardwood, Timber Softwood			
Approved Glazing Size	1.08m ²			
Panel Effect	No			
Feature Grooves	Yes			



Acoustics

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



Environmental

U-value (Wm2K)	Heat loss per m2 <1.8 (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.

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General Properties

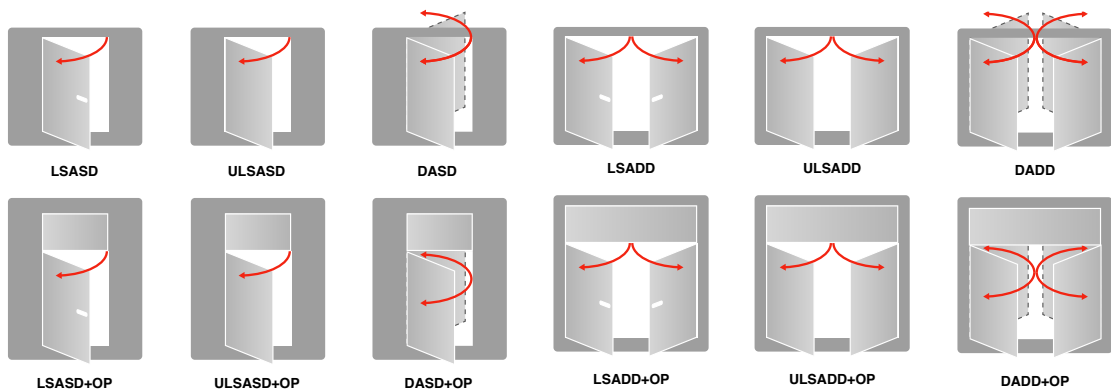
Weight	Ply faced: 22kg/m ² · MDF faced: 27.6kg/m ²
Density (±10%)	450 - 500 kg/m ³
Moisture Content	Ex factory 8 - 12%



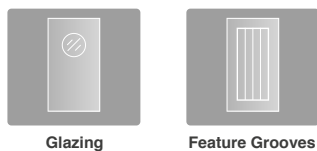
Design Criteria

Stock Board Sizes	2135 x 915 mm 2440 x 1220 mm
Lipping Glue Lines	PVA, PU, U/F
Lipping Section Details	6 - 11 mm thick
Rebated Lippings (double doors etc)	18 - 28 mm thick
Standard Intumescent	Palusol Graphite

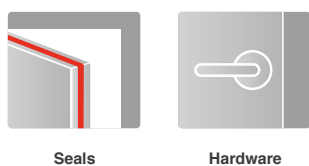
Doorset Configurations



Design Options



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

