

## Halspan 45 - 45mm Fire Rated Mineral Core Door Components

**Halspan 45** - internal door components made from gypsum, organic fibres, fibreglass and inert binders, compliant with North American codes and rated at 45, 60 and 90 minutes. Also tested to BS 476 Part 22 rated at 90 and 120 minute.



### Fire Rating FD90 - BS and FD120 - BS

<b>Tested in Accordance with:</b>	BS 476: Part 22: 1987		
<b>FD90 - BS Rating Maximum Approved Sizes*</b>	Single Doors	2100 x 1146mm	
		2548 x 938mm	
	Double Doors	2100 x 1096mm	
		2448 x 938mm	
<b>FD120 - BS Rating Maximum Approved Sizes*</b> <small>* Maximum approved sizes based on timber door frames. Refer to test data for full details.</small>	Single Doors	2040 x 966 mm	
		2351 x 826mm	
	Double Doors	2040 x 916mm	
		2251 x 826mm	
<b>Approved Frames</b>	Timber Hardwood, Timber Softwood, MDF, Steel, Aluminium		
<b>Approved Glazing Size</b>	0.32m <sup>2</sup>		
<b>Panel Effect</b>	No		
<b>Feature Grooves</b>	No		



### Fire Rating 45 Min, 60 Min and 90 Mins

<b>Tested in Accordance with:</b>	UL 10c		
<b>45 Minute Rating Maximum Approved Sizes*</b>	Single Doors	2743 x 1219mm	
	Double Doors	2743 x 1219mm	
<b>60 Minute Rating Maximum Approved Sizes*</b>	Single Doors	2743 x 1219mm	
	Double Doors	2743 x 1219mm	
<b>90 Minute Rating Maximum Approved Sizes*</b> <small>* Maximum approved sizes based on timber door frames. Refer to test data for full details.</small>	Single Doors	2743 x 1219mm	
	Double Doors	2743 x 1219mm	
<b>Approved Frames</b>	Mineral Composite, Steel		
<b>Panel Effect</b>	No		
<b>Feature Grooves</b>	No		

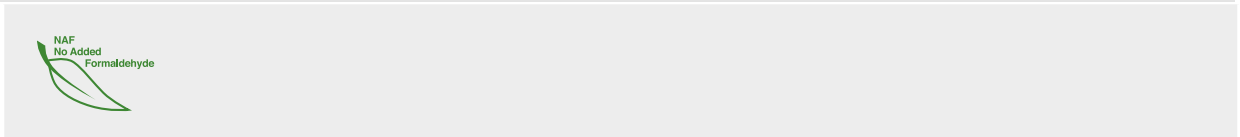


## Acoustics

<b>Acoustic Performance</b>	Single Doors	STC 32-35 (35dB/Rw)
	Double Doors	STC 30-33 (35dB/Rw)



## Environmental



## General Properties

<b>Weight</b>	23.45 kg/m <sup>2</sup> (Based on standard configuration category 'A' banded core at 38mm thick without Crossbands at a door leaf sized 2135 x 915mm)
<b>Composition</b>	Supplied in component form only

For more details please refer to the third party accredited test data