



Universal HD STC 45mm

Fire Rated Banded Mineral Core Blanks

Universal HD STC 45mm is a mineral component internal door blank manufactured from high density mineral stiles and rails with a high density mineral core – this being a banded core. The Customer then applies approved Crossbands (usually HDF or hardwood plywood) before then veneering or finishing the door.



Fire Rating 45 Min, 60 Min and 90 Mins

Tested in Accordance with:	UL 10c		
45 Minute Rating Maximum Approved Sizes*	Single Doors	2743 x 1219mm	
	Double Doors	2743 x 1219mm	
60 Minute Rating Maximum Approved Sizes*	Single Doors	2743 x 1219mm	
	Double Doors	2743 x 1219mm	
90 Minute Rating Maximum Approved Sizes* <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	
Approved Frames	Mineral Composite, Steel		
Panel Effect	No		
Feature Grooves	No		



Acoustics

Tested in Accordance with:	ASTM E336	
Acoustic Performance	Single Doors	Unglazed STC 41
	Double Doors	Unglazed STC 39



Environmental



General Properties

Weight	51 kg/m ²
Density (±10%) (AVE)	1360 kg/m ³
Moisture Content	< 2%

Universal HD STC 45mm

Fire Rated Interior Grade Door Blanks



Design Criteria

Lipping Glue Lines	Crossed Linked PVA
Lipping Section Details	6 mm

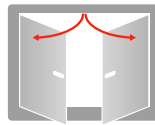
Doorset Configurations



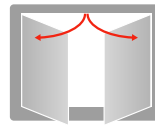
LSADD



ULSADD

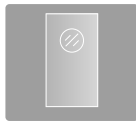


LSADD



ULSADD

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

