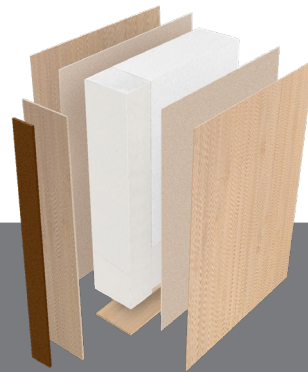




Universal HD

Fire Rated Mineral Core Door Blanks

Universal HD is a mineral component internal door blank manufactured from high density mineral stiles and rails with a low density mineral core. Universal HD can be supplied as a banded core with or without crossband applied.

Banded Door Blank Options

Product Code	Product Options
UNI-BCO-HD-001	Halspan Universal HD banded core only 39mm, CAT B*
UNI-BCC-HD-001	Halspan Universal HD banded core with crossband 45mm, CAT B*

*Category B - For seal details, refer to the relevant listing.

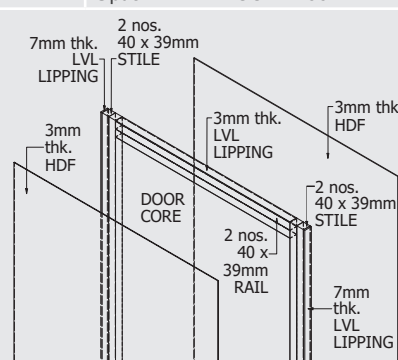
Crossband

Product Code	Item Description	Dimensions
UNI-HDF-CB3	Halspan Universal HDF 3mm crossband	2440 x 1220 x 3mm

Stiles & Rails

Product Code	Item Description	Dimensions
UNI-RAS-HD	Universal HD Rail and Stile HDM sheet material	2400x590x40mm thick



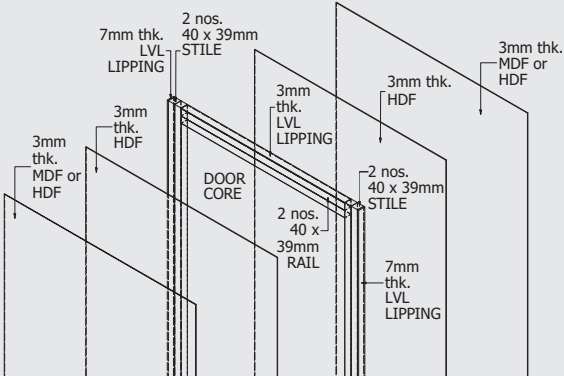
Tested in Accordance with:	NFPA 252 , CAN/ULC S104, UL 10C, and UL10B	
60 Minute Rating	Single Door	2440 x 1200mm
Maximum Approved Leaf Sizes	Option 1: UNI-BCO-HD-001 plus 2x UNI-HDF-CB3	
Door Components	Option 2: UNI-BCC-HD-001	
		
Total Door Thickness	45mm	
Approved Frames	51mm thk. Mineral Frame (for frame details, refer to the relevant listings)	
Panel Effect	No	
Feature Grooves	No	



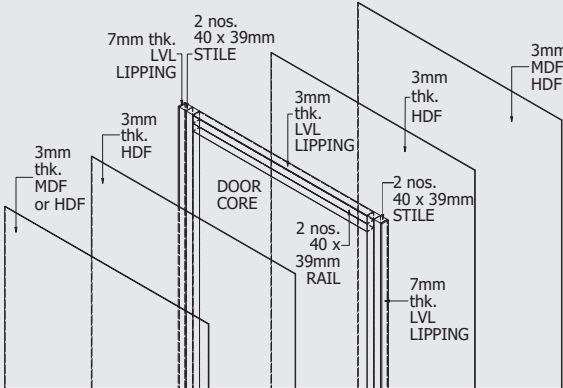
Universal HD

Fire Rated Mineral Core Door Blanks



Tested in Accordance with:	NFPA 252, CAN/ULC S104, UL10C, and UL10B	
60 Minute Rating	Double Door	2440 x 1200mm
Maximum Approved Leaf Sizes		
Door Components	Option 1: UNI-BCO-HD-001 plus 2x UNI-HDF-CB3 plus 2x UNI-HDF-CB3	
	Option 2: UNI-BCC-HD-001 plus 2x UNI-HDF-CB3	
		
Total Door Thickness	52mm	
Approved Frames	51mm thk. Mineral Frame (for frame details, refer to the relevant listings)	
Panel Effect	No	
Feature Grooves	No	



Tested in Accordance with:	NFPA 252, CAN/ULC S104, UL10C, and UL10B	
90 Minute Rating	Single Door	2440 x 1200mm
Maximum Approved Leaf Sizes		
Door Components	Option 1:UNI-BCO-HD-001 plus 2x UNI-HDF-CB3 plus 2x UNI-HDF-CB3	
	Option 2: UNI-BCC-HD-001 plus 2x UNI-HDF-CB3	
		
Total Door Thickness	52mm	
Approved Frames	51mm thk. Mineral Frame (for frame details, refer to the relevant listings)	
Panel Effect	No	
Feature Grooves	No	



Universal HD

Fire Rated Mineral Core Door Blanks



Acoustics

Tested in Accordance with:	BS EN ISO 10140-2:2021	
Acoustic Performance	Single Doors	Unglazed 38dB/Rw - Fully Caulked SD
		Unglazed 37dB/Rw - Operable SD



Environmental



General Properties

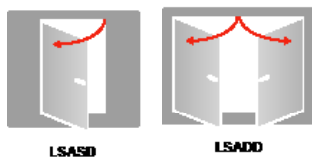
Mineral Core Density:	700 kg/m ³
Mineral Stile and Rail Density:	1400 kg/m ³
Stile and Rail Joints:	90° Joint
LVL Lipping Density:	520 kg/m ³
Finish Type:	Veneer/Paint
Intumescent:	As per detail
Hinges:	4 Hinges required
	Butt Hinge
Wall Type:	For use with drywall with masonry-concrete structure with thickness greater than 120mm



Design Criteria

Lipping Glue Lines	PU (crossband)
Lipping Section Details	7mm (Vertical edges), 3mm (Top & Bottom leaf)

Doorset Configurations





Hardware

Product	Product code(s)	Image
Halspan Grade 14 Hinge Radius Corner 90 Minutes	BOM-HIN-104-BSS (Comprises of HIN-BSS-108-BSS + SLS-PAD-123)	
Halspan 90 Minute Lock Case	BOM-LCK-102-BSS (Comprises of LCK-BSS-101+ LCK-BSS-200 + SLS-PAD-105)	
Halspan 9000 Rack & Pinion Closer EN2-5 BSS	CLR-PWR-100-BSS	

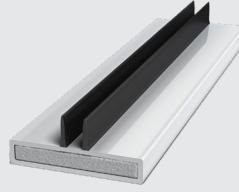


Door Frames

Product	Product code(s)	Sizes	Image
Halspan Universal Enhanced Door Frames	UNI-FRAE-120-240	120 x 2400 x 51mm	
	UNI-FRAE-160-240	160 x 2400 x 51mm	
	UNI-FRAE-200-240	200 x 2400 x 51mm	
	UNI-FRAE-240-240	240 x 2400 x 51mm	



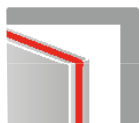
Seals

Product	Product code(s)	Image
Halspan Triple Fin Smoke & Acoustic Seal 2100mm Brown (other lengths and colours available)	SLS-TRI-25BR	
Halspan Palusol Plain Intumescent Seal 25 x 6 x 2100mm White (other lengths and colours available)	SLSP-PLA-256-21WH (previously SLS-PAL-130)	
Halspan Palusol Twin Fin Intumescent Seal 25 x 6 x 3000mm White (other lengths and colours available)	SLSP-TWF-256-30WH (previously SLS-PAL-132)	
Halspan Surface Mounted Threshold Seal Silver (other lengths available)	SURF-DRP-630-SIL	
	SURF-DRP-830-SIL	
	SURF-DRP-930-SIL	
	SURF-DRP-1030-SIL	
	SURF-DRP-1130-SIL	



Updated Seal Codes

Old Stock Item Codes	New Stock Item Codes	Old Stock Item Codes	New Stock Item Codes
SLS-PAL-100	SLSP-PLA-204-21BR	SLS-PAL-119	SLSP-BRU-384-21BR
SLS-PAL-101	SLSP-PLA-384-21BR	SLS-PAL-120	SLSP-TWF-384-21BK
SLS-PAL-102	SLSP-TWF-204-21BR	SLS-PAL-121	SLSP-BRU-204-21BR
SLS-PAL-103	SLSP-TWF-384-21BR	SLS-PAL-122	SLSP-BRU-384-21WH
SLS-PAL-104	SLSP-BRU-204-21BR	SLS-PAL-123	SLSP-TWF-384-21WH
SLS-PAL-105	SLSP-BRU-384-21BR	SLS-PAL-124	SLSP-TWF-204-24BR
SLS-PAL-106	SLSP-PLA-204-21BK	SLS-PAL-125	SLSP-TWF-384-24BR
SLS-PAL-107	SLSP-PLA-384-21BK	SLS-PAL-126	SLSP-PLA-254-21BR
SLS-PAL-108	SLSP-PLA-204-21WH	SLS-PAL-127	SLSP-PLA-154-21BR
SLS-PAL-109	SLSP-PLA-384-21WH	SLS-PAL-128	SLSP-TWF-384-21SG
SLS-PAL-110	SLSP-PLA-204-21BR	SLS-PAL-129	SLSP-TWF-204-21SG
SLS-PAL-111	SLSP-PLA-384-21BR	SLS-PAL-130	SLSP-PLA-256-21WH
SLS-PAL-112	SLSP-BRU-204-21WH	SLS-PAL-131	SLSP-PLA-386-21WH
SLS-PAL-113	SLSP-TWF-204-21BR	SLS-PAL-132	SLSP-TWF-256-30WH
SLS-PAL-114	SLSP-TWF-384-21BR	SLS-PAL-133	SLSP-PLA-304-21WH
SLS-PAL-115	SLSP-TWF-204-21BK	SLS-PAL-134	SLSP-PLA-256-21BR
SLS-PAL-116	SLSP-BRU-104-21WH	SLS-PAL-202	SLSP-BRU-204-21BK
SLS-PAL-117	SLSP-PLA-104-21WH	SLS-PAL-203	SLSP-BRU-384-21BK
SLS-PAL-118	SLSP-TWF-204-21WH	SLS-PAL-204-25BR	SLSP-PLA-204-25BR



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

The information in this brochure is correct at time of going to press however our designs, specifications and certifications may change in the interest of product development following publication. If you would like to make a query about any of the details in this document, please contact Halspan via our website, or call our office in the UK on +44 (0)3300 563836.