



**Environmental compliance**  
built in...

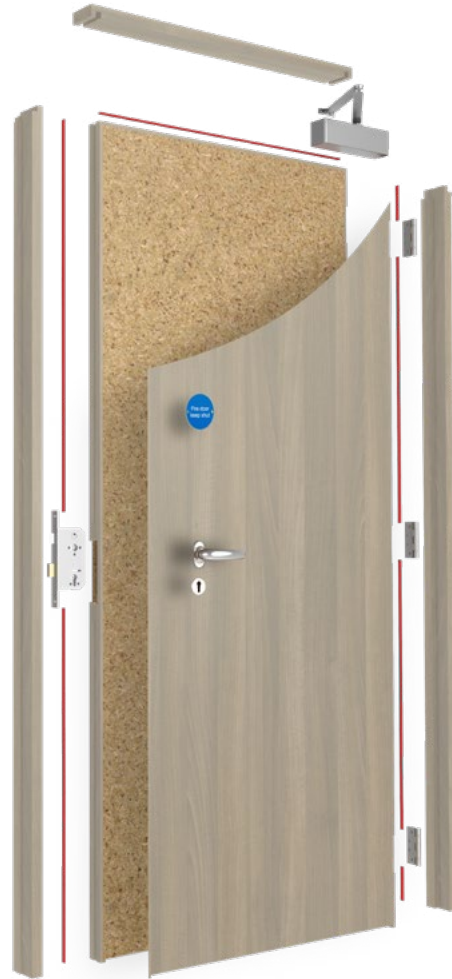




A pioneer in its field, Halspan developed an entirely new way of constructing doors in the 1990s using pre-tested door blanks made from our unique 3-layer particle board. For the industry, having Halspan at the core of a door has been an assurance of quality and integrity ever since.

Over the years, we've extended our product range so that today Halspan is one of the world's leading suppliers of the complete system of quality door components – everything from door blanks and cores to seals, hardware and steel door frames.

In this brochure, we address the increasingly important issue of environmental compliance in doors, from the basic materials and working practices used to advanced solutions designed to meet specific performance requirements. Lastly, we introduce Halspan's comprehensive range of environmentally-compliant door blanks and cores.



**to the core and more...**

# Built for the future

## **Our climate is changing and so is our industry.**

Deforestation has been identified as one of the chief causes of the increase in greenhouse gases leading to climate change.

As a result, almost everyone in our industry – from specifiers and fabricators to installers and building owners – is being encouraged to make sustainable choices.

Whether prompted by our own consciences or in response to the growing number of environmental requirements being stipulated in project briefs and tenders, we all have a duty to reduce our environmental impact.



# Doors that don't cost the earth

One of the world's leading suppliers of quality door components, Halspan was an early adopter of 'green' principles and today takes its environmental responsibilities more seriously than ever.



## Sustainably-sourced materials

Reflecting this long-term commitment, all our timber door blanks and cores are manufactured from sustainably-sourced materials.

Every Halspan timber door blank and core is **FSC® Chain of Custody** certified. The Forest Stewardship Council® (FSC®) global certification scheme enables consumers to identify, purchase and use timber and forest products produced from well-managed forests.



Our 3-layer particle board products are categorised as FSC® Mix credit. This product comes from responsible sources and is made of material from well managed FSC® -certified forests, recycled materials, and other controlled sources.

Halspan timber door blanks can also comply with PEFC upon request for PEFC materials. The Programme for the Endorsement of Forest Certification (**PEFC**) is dedicated to both sustainable forest management and timber processing.



And every Halspan timber door blank and core complies with **EUTR**. Introduced in 2013, the EU Timber Regulation prohibits operators in Europe from placing illegally harvested timber and products derived from illegal timber on the EU market.



## Environmental working practices

As well as using only sustainably-sourced materials, Halspan and all its particle board and solid timber core mills are certified for Environmental Management in accordance with the ISO 14001 international standard. We're also ISO 9001 certified for Quality Management.



## Enhanced performance

Halspan's formaldehyde emissions are all well within European Rating E1, with some of our ranges achieving significantly lower levels.

First for environmental performance and value, Halspan **Prima** door cores are produced with a rating of just E0.05 and satisfy both BREEAM and CARB II environmental standards.

Developed to satisfy demands for an even greener alternative, Halspan **Prima Plus** door cores are made with **no added formaldehyde (NAF)**, so minimise formaldehyde emissions and improve indoor air quality, meeting BREEAM and LEED higher environmental performance standards.

We've since added **Veria Plus** and **Halspan Universal** to our range of BREEAM and LEED compliant fire door blanks and cores

Part of the Building Research Establishment (BRE), both BREEAM and its American equivalent, LEED, assess buildings on a broad range of environmental impacts, including health and wellbeing, materials selection and indoor environmental quality.

Halspan CARB II (Californian Air Resources Board) compliant blanks are also available on request.

From sustainably-sourced materials and environmental working practices to purpose-designed greener alternatives for enhanced environmental performance, Halspan has you covered.



# Key benefits

- Halspan's timber door blanks and cores are either FSC® or PEFC Chain of Custody certified, so can accommodate whichever timber certification scheme you're working to
- For an even greener alternative, our no added formaldehyde (NAF) ranges of door blanks and cores meet the enhanced environmental performance standards demanded by BREEAM and LEED
- As well as meeting stringent environmental standards, Halspan door components are tested for fire resistance, acoustic performance and durability
- Full system of door components – all backed by third-party certification
- Door components tested together, so certification applies to complete doorset or door assembly
- ISO 9001 certification – door blanks and cores manufactured to highest standards
- Design versatility

# Environmentally-compliant door blanks and cores

Choose from Halspan's comprehensive range of fire and non-fire rated door blanks and cores, designed to meet a variety of environmental performance standards.

3-Layer Particle Board				
Fire Doors	U-value (Wm2K) Heat-loss/ m2 (doorset)	BS EN 13986 (2004)*	NAF	FSC®
Prima FD30 44mm & FD60 54mm	2.00	Class E1	-	✓
Prima Plus FD30 44mm	1.60	-	✓	✓
Prima Plus FD60 54mm	1.80	-	✓	✓
Prima Plus FD90 & FD120 62mm	-	-	✓	✓
Prima Plus Enhanced	-	-	✓	✓
Optima FD30 44mm	2.00	Class E1	-	✓
Optima FD60 54mm	1.80	Class E1	-	✓
Halspan FD90 64mm & FD120 60mm	-	Class E1	-	✓
Non Fire Rated - NFR	U-value (Wm2K) Heat-loss/ m2 (doorset)	BS EN 13986 (2004)*	NAF	FSC®
Veria	-	Class E1	-	✓
Veria Plus	-	Class E1	✓	✓



Solid Timber Core				
Fire Doors	U-value (Wm2K) Heat-loss/ m2 (doorset)	BS EN 13986 (2004)*	NAF	FSC®
Halspan IT60 FD60 44mm	TBA	TBA	TBA	TBA
Halspan IT30 FD30 44mm	TBA	TBA	TBA	TBA
Halspan XT30 FD30 44mm	TBA	TBA	TBA	TBA
Halspan XT60 FD60 54mm	TBA	TBA	TBA	TBA



Mineral Core				
Fire Doors	U-value (Wm2K) Heat-loss/ m2 (doorset)	BS EN 13986 (2004)*	NAF	FSC®
UniversalL STC 45mm	-	-	-	✓
UniversalL HD STC 45mm	-	-	-	✓
Halspan 45 45mm	-	-	-	✓



\*Formaldehyde Release Rating



Halspan's **VISION** is to be the world's leading supplier of trusted, high-performance building products, specialising in fire, acoustic and service life excellence.

Halspan's **MISSION** is to be the world's leading supplier of innovative, quality, sustainably-sourced building product solutions, specialising in fire, acoustic and service life performance. Using our trusted Halspan brand and supporting test data to differentiate our portfolio of fire and non-fire rated door blanks, cores and associated doorset system components, we aim to develop existing and new product lines that markets around the world can rely on.

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