



EMPLAS **DOORCO** **WINK
HAUS**

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EMPLAS **DOORCO** **WINK
HAUS**

FIRE STOP DOORS

Fire Stop Doors are a step above the rest, achieving market leading results for fire safety and security. The reassurance you need when choosing a fire door, paired with unrivalled versatility and style.

DELIVERED BY
EMPLAS
The window and door fabricator of choice

IN PARTNERSHIP WITH
DOORCO & **WINK
HAUS**

DOORCO

The UK's leading innovator of composite doors. Launched in April 2025, DoorCo's comprehensive range of 30-minute Fire Door slabs has been approved for the Winkhaus UK FireFrame Doorset Scheme.



Largest range of
composite fire doors
on the market



UKCA
Approved



Security
PAS24: 2022 and
Secured by Design



Smoke Resistance
BS EN 1634-3



Fire Resistance
BS EN 1634-1



ISO: 9001
ISO: 14001



37 - 48kg



10 Year
Warranty



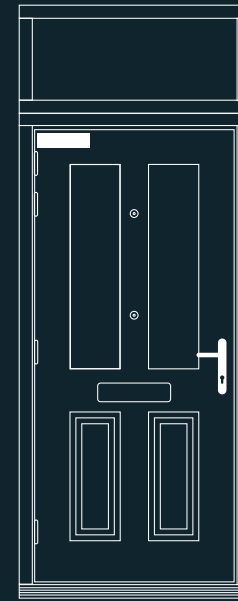
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**WINK
HAUS**

The low-maintenance Winkhaus FireFrame® system is manufactured from a specially developed GRP (glass-reinforced polymer) with fire-resistant additives. Fire tested from inside and outside of the door, Winkhaus Fire, Smoke and Security Doorset Solutions are:

- Fully compliant with MHCLG Government guidelines
- Tested and compliant with third party certification Q-Mark schemes for Fire, Smoke and Security
- Fire tested to BS EN 1634-1:2014 and A1:2018
- Smoke control resistance tested to BS EN 1634-3:2004
- Tested to full PAS24 Enhanced Security Standard

FireFrame®



Independently tested by BM Trada, Emplas' fire door achieved 58 minutes* fire integrity with no failings recorded.

*The test was terminated at 58 minutes.

4 Slab Designs

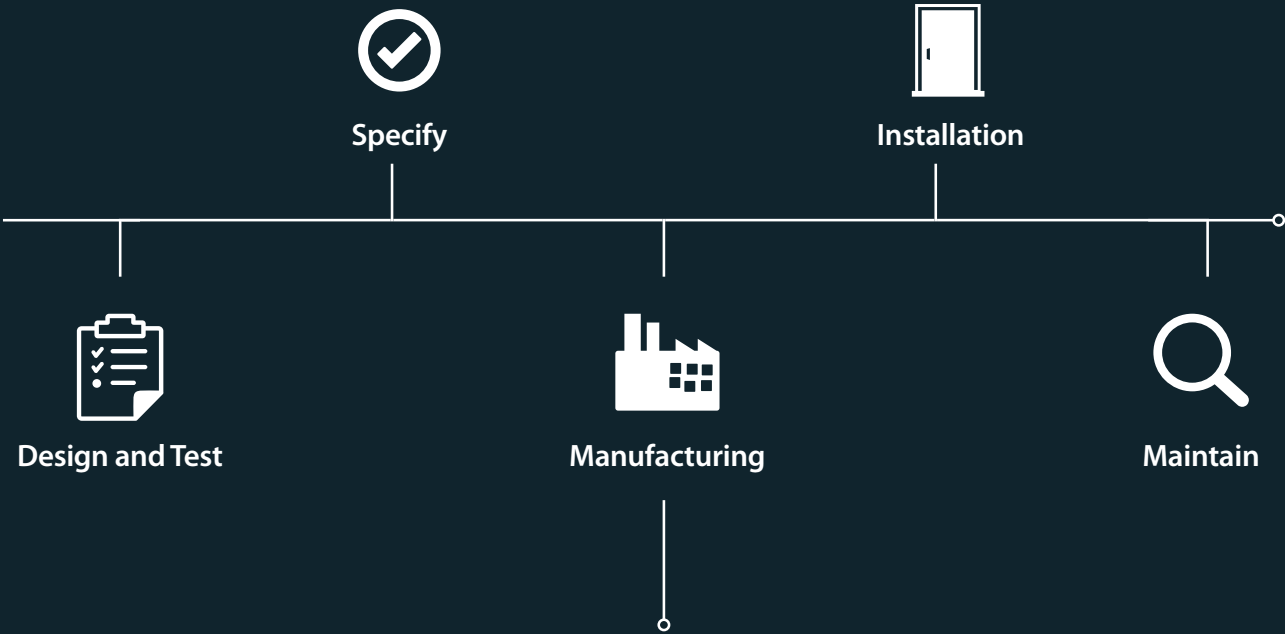
6 Stock Colours

13 Glazing Positions

- 1 Engineered Hardwood Subframe**
Provides stability and rigidity to the door, as well as creating space for trimming down to required sizes without removing foam.
- 2 LVL (Laminated Veneered Lumber)**
Additional stability for larger sized doors.
- 3 Fire Resistant Phenolic Foam**
Fire-retardant, insulating foam which provides both fire protection and general insulation to the property.
- 4 GRP Skins**
An aesthetic choice for the external finish of our fire doors to provide them with the same woodgrain finish as our other ranges.



The Golden Thread



DoorCo Korea Q-Mark 047 Door Blank Scheme.

Door Blanks are manufactured and supplied by DoorCo as part of the BM Trada 047 Door Blank Q-Mark Scheme and are subject to annual factory process control auditing to maintain continuous certification.

Winkhaus UK Q-Mark 171 System Supplier Scheme

Doorset supplied using the Winkhaus FireFrame® incorporating the DoorCo door blank are tested and approved for resistance to fire, ambient smoke control and PAS24 security as part of the BM Trada 171 Composite System Supplier scheme, which is subject to annual process control auditing to maintain continuous certification.

Fire Stop Doors in FireFrame® shows great consistency as a fire doorset combination having passed more than 50 tests when tested to BS EN 1634-1

DoorCo System Supplier Certification Q-Mark Certification

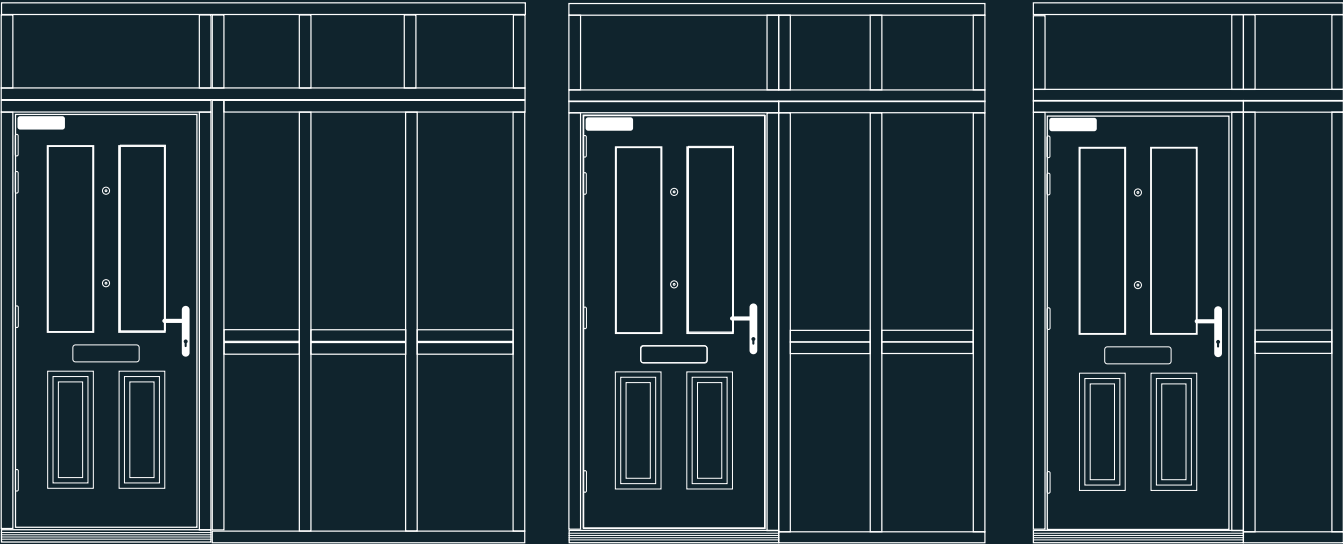
DoorCo UK are approved under the Winkhaus System Supplier Scheme for the machining of door blank and are subject to annual audit for continuous certification.



Largest Range of Composite Fire Doors on the Market.

The Fire Stop Doors range can incorporate side light frames, top light frames and both side and toplight frames to create full screens.

All permutations approved for internal application with 3 approved for external (UKCA) application.



External (UKCA)
Approved

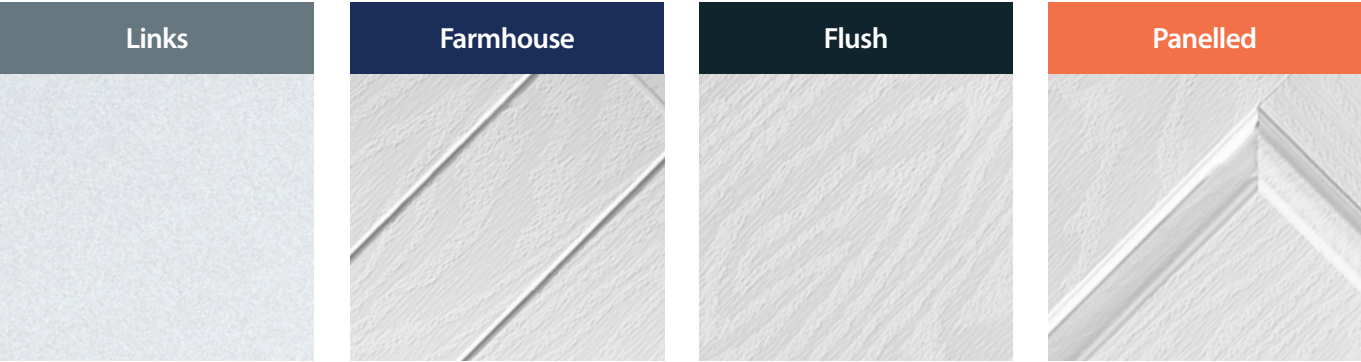
External (UKCA)
Approved



External (UKCA)
Approved



Protected and Precise



Our smoothest blank designed to replicate the look of contemporary aluminium doors. Perfect as a sleek solid door or with different glazed options.

Available via special order with lead time of 3 months.

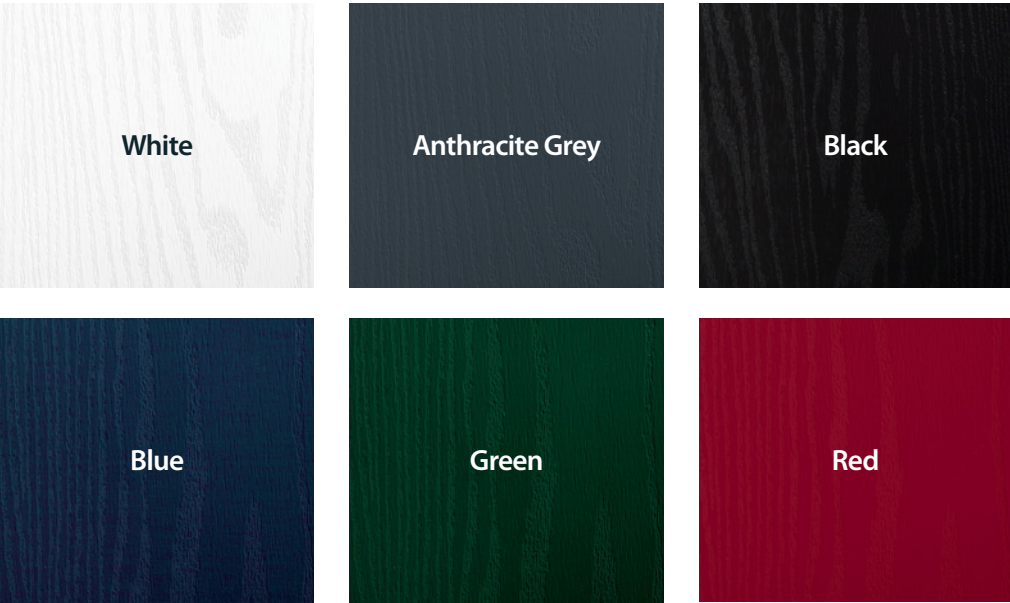
A grooved, panelled blank design for a cottage feel. The ultimate country classic and the perfect match to popular interior door designs.

Available via special order with lead time of 3 months.

A subtly wood-grained blank with no mouldings for a sleek modern look. Available in a wide variety of prepped styles.

Our most popular blank style, designed to replicate the most common traditional door styles. Highly defined mouldings with a distinctive woodgrain texture.

Available Colours



An element of its own.



6 Panel Combi

The 6 Panel Combi is a traditional blank style that incorporates our most popular prepped design, Carnoustie. A classic panelled look with 3 options, providing timeless charm.



Hardware for illustrative purposes only. Please see page 22.

Approved for external (UKCA)
& internal application.

Traditional. Reliable. Safe.



Door leaf height	
Minimum	Maximum
1913mm	2013mm

Minimum door leaf width	
Glazed	Solid
758mm	722mm

Maximum door leaf width
Glazed or Solid
914mm

Fire Rated Glass Options
(Glass must be sourced from an approved supplier)
Pyroguard* or Pilkington Pyrodur**

Glass Obscurity Options
Clear† or Satin

*Pyroguard on external twin-top doorsets only.
**Pilkington Pyrodur on external twin-top and twin-vertical doorsets only.
†Clear glass for external doorsets only.












Flush

The Flush is a smooth, modern blank with no mouldings. Incredibly versatile the subtle wood-grain looks just as good as a solid as it does with a variety of glazing options from Saunton through to Single.



Modern. Accessible. Safe.

Approved for internal applications only.

<p>Flush Solid</p> 	<p>Flush Carnoustie</p> 	<p>Flush Saunton Centre</p> 	<p>Flush Saunton Left</p> 	<p>Flush Saunton Right</p> 
<p>Flush Sunningdale Centre</p> 	<p>Flush Sunningdale Left</p> 	<p>Flush Sunningdale Right</p> 	<p>Flush Muirfield</p> 	<p>Flush Diagonal Twin Top Left</p> 
<p>Flush Diagonal Twin Top Right</p> 	<p>Flush Single Top Centre</p> 	<p>Flush Single Top Left</p> 	<p>Flush Single Top Right</p> 	<p>Fire Rated Glass Options (Glass must be sourced from an approved supplier) Pyroguard or Pilkington Pyrodur</p> <p>Glass Obscurity Options Clear or Satin</p>

Farmhouse

The Farmhouse is a grooved, panelled blank style.



Available via special
order with lead time of
3 months.

Door leaf height	
Minimum	Maximum
1913mm	2013mm

Minimum door leaf width	
722mm	

Maximum door leaf width	
914mm	

Approved for internal
applications only.

Classic. Secure. Safe.



Farmhouse
Solid

Links

The Links was designed with contemporary style in mind. Our smoothest blank that mimics popular aluminium doors with a selection of prepped options from Solid to Saunton.



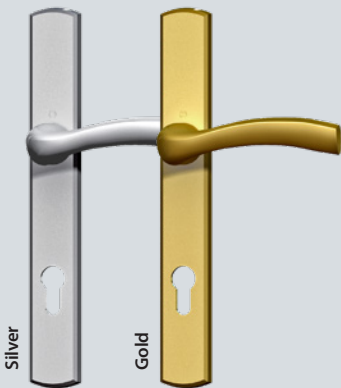
Smart. Sleek. Safe.

Approved for internal applications only.



Hardware

We're proud to partner with UAP and Winkhaus, experts in fire safety, to offer an industry leading range of fire door hardware for our external and internal doors.



Winkhaus Paladio
Lever Handle



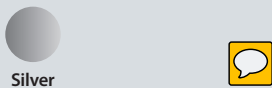
UAP Victorian Slimline
Urn Door Knocker



UAP Soterian Letterplate



UAP Door Viewer



Winkhaus Door Hinge



UAP Door
Numerals / Letters



UAP Door Chain



UAP Keep Shut Sign

