

# Kitemark™ Certificate

This is to certify that:

I G Doors Ltd  
Lon Gellideg  
Oakdale Business Park  
Blackwood  
NP12 4AE  
United Kingdom

Holds Certificate Number:

KM 600236

In respect of:

**BS 8529/PAS 24**  
**Enhanced Security Composite Door Fabricator**

This issues the right and licence to use the Kitemark in accordance with the Kitemark Terms and Conditions governing the use of the Kitemark, as may be updated from time to time by BSI Assurance UK Ltd (the "Conditions"). All defined terms in this Certificate shall have the same meaning as in the Conditions.

The use of the Kitemark is authorized in respect of the Product(s) detailed on this Certificate provided at or from the above address.

For and on behalf of BSI:

Shahm Barhom, Group Product Certification Director

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Page: 1 of 9

# Kitemark™ Certificate

No. KM 600236

## **BS 8529:2017 / PAS 24:2016 - General and enhanced security performance requirements for Composite door assemblies.**

This Certificate covers the following residential door system design specification. Only those components that have been approved in accordance with the Kitemark scheme requirements can be incorporated within the system(s) detailed.

### **HD Composite Residential Door System**

Fabricated and installed in accordance with the IG Doors Limited Quality and Manufacturing System.

#### **System description**

The door assemblies are open in or open out, hinged on outer frame or mullion, galvanized steel skins with a polyurethane core, fitted in either a PVC-U (either Spectus Sightline 70 or Elite 70 profile in both 40mm or 50mm sections), a softwood or a hardwood timber outer frame, cassette glazed (screw fixed, TriSys® or IG Design system) with IGU(s), incorporating one pane of laminated glass compliant with class P1A minimum, with either standard or mechanically fixed low threshold and fitted with or without TS008 approved Letterplates which meet enhanced security Grade 2. Handle and cylinder combinations to give minimum 3\* protection. Doors are classified D.

#### **Hardware Options**

**Hinges:** Yale Steel fixed pin (Outward Opening)  
Yale Steel loose pin (Inward Opening)  
Nico Steel fixed pin butt hinge (Outward Opening)  
Nico Steel loose pin (Inward Opening)  
IG Doors Lift- Off adjustable and non-adjustable (Inward and Outward Opening)

**Locking system:** ERA, Yale or UAP220 Multipoint lock  
ERA GU Electronic MPL

**Thresholds:** MDS25/MDS150  
Exitex MXS15-2 Open-in threshold  
Exitex OUM5 Open-out threshold

#### **Performance classifications as determined by BS 6375 Part 2**

Operating Forces	Class 2
Mechanical Strength	Class 2
Vertical load	600N
Static torsion	250N
Soft and heavy impact	60 J
Hard body impact	3 J
Repeated opening and closing	Class 4

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Page: 2 of 9

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# Kitemark™ Certificate

No. KM 600236

## **BS 8529:2017 / PAS 24:2016 - General and enhanced security performance requirements for Composite door assemblies.**

This Certificate covers the following residential door system design specification. Only those components that have been approved in accordance with the Kitemark scheme requirements can be incorporated within the system(s) detailed.

### **HFD Composite Residential Door System**

Fabricated and installed in accordance with the IG Doors Limited Quality and Manufacturing System.

#### **System description**

The door assemblies are open in or open out, hinged on outer frame or mullion, galvanized steel skins with a polyurethane core, fitted in either a PVC-U (either Spectus Sightline 70 or Elite 70 profile in both 40mm or 50mm sections), a softwood or a hardwood timber outer frame, cassette glazed (screw fixed, TriSys® or IG Design system) with IGU(s), incorporating one pane of laminated glass compliant with class P1A minimum, with either standard or mechanically fixed low threshold fitted with or without TS008 approved Letterplates which meet enhanced security Grade 2. Handle and cylinder combinations to give minimum 3\* protection. Doors are classified D.

#### **Hardware Options**

##### **Hinges:**

Yale Steel fixed pin (Outward Opening)  
Yale Steel loose pin (Inward Opening)  
Nico Steel fixed pin butt hinge (Outward Opening)  
Nico Steel loose pin (Inward Opening)  
IG DoorsLift- Off adjustable and non adjustable (Inward and Outward Opening)

##### **Locking system:**

ERA Multipoint lock  
Yale Multipoint lock  
ERA GU Electronic MPL

##### **Thresholds:**

MDS25 / MDS150  
Exitex MXS15-2 Open-in threshold  
Exitex OUM5 Open-out threshold

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Page: 3 of 9

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# Kitemark™ Certificate

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## HD and HFD Composite Residential Door Systems Size Limitations and Performance Characteristics

Door Type	Width (mm) Maximum	Height (mm) - Maximum (including sill)	Air Permeability classification	Watertightness classification	Resistance to Wind classification	Exposure category as given in Table 1 of BS 6375-1:2009
Overall dimensions for doors with approved outer frame and sash profiles:						
Single leaf door in PVC-U frame	1024	2100	Class1	Class 2A	Class A2	800X
Single leaf door in PVC-U frame IG Doors Lift off hinges	1024	2100	Class 4	Class 3A	Class C2	800
Single leaf door in Timber frame	1048	2100	Class 1	Class 2A	Class A2	800X
Doors with (coupled or integral) side panel(s)	2100	2100	Class 1	Class 2A	Class A2	800X
Doors with (coupled or integral) side panel & fanlight(s)	2100	2500	Class 1	Class 2A	Class A2	800X

**This Kitemark Licence covers the general and enhanced security performances of all doorsets detailed but DOES NOT COVER FIRE RESISTANCE CLASSIFICATION for any fire doors included**

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Page: 4 of 9

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A member of BSI Group of Companies.

# Kitemark™ Certificate

No. KM 600236

## **BS 8529:2017 / PAS 24:2016 - General and enhanced security performance requirements for Composite door assemblies.**

This Certificate covers the following residential door system design specification. Only those components that have been approved in accordance with the Kitemark scheme requirements can be incorporated within the system(s) detailed.

### **HNG Composite Residential Door System**

Fabricated and installed in accordance with the IG Doors Limited Quality and Manufacturing System.

#### **System description**

The door assemblies are open in or open out, hinged on outer frame or mullion, GRP Door Slab (GK, Capstone or IG Doors) with a polyurethane foam core, fitted in either a PVC-U (either Spectus Sightline 70 or Elite 70 profile in both 40mm or 50mm sections), a softwood, or a hardwood timber outer frame, cassette glazed (screw fixed, TriSys® or IG Design system) with IGU(s), incorporating one pane of laminated glass compliant with class P1A minimum,, with either standard or mechanically fixed low threshold fitted with or without TS008 approved Letterplates which meet enhanced security Grade 2. . Handle and cylinder combinations to give minimum 3\* protection. Doors are classified D.

#### **Hardware Options**

##### **Hinges:**

Yale Steel fixed pin (Outward Opening)  
Yale Steel loose pin (Inward Opening)  
Nico Load Pro adjustable hinge  
Nico Steel fixed pin butt hinge (Outward Opening)  
Nico Steel loose pin (Inward Opening)  
Trojan 3D (Inward and Outward Opening)  
IG Doors Lift- Off adjustable and non adjustable (Inward and Outward Opening)  
UAP adjustable hinges

##### **Locking system:**

ERA, Yale, Winkhaus Trulock, or UAP220 Multipoint lock  
Winkhaus AV2 Espagnolette  
ERA GU Electronic MPL

##### **Thresholds:**

MDS25 / MDS150  
Exitex MXS15-2 Open-in threshold  
Exitex OUM5 Open-out threshold

#### **Performance classifications as determined by BS 6375 Part 2**

Operating Forces	Class 2
Mechanical Strength	Class 2
Vertical load	600N
Static torsion	250N
Soft and heavy impact	60 J
Hard body impact	3 J
Repeated opening and closing	Class 4

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Page: 5 of 9

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# Kitemark™ Certificate

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## **BS 8529:2017 / PAS 24:2016 - General and enhanced security performance requirements for Composite door assemblies.**

This Certificate covers the following residential door system design specification. Only those components that have been approved in accordance with the Kitemark scheme requirements can be incorporated within the system(s) detailed.

### **HFNG Composite Residential Door System**

Fabricated and installed in accordance with the IG Doors Limited Quality and Manufacturing System.

#### **System description**

The door assemblies are open in or open out, hinged on outer frame or mullion, GRP Door Slab (GK, Capstone or IG Doors) with a Phenolic foam core, fitted in either a PVC-U (either Spectus Sightline 70 or Elite 70 profile in both 40mm or 50mm sections), softwood or a hardwood timber outer frame, (screw fixed, TriSys® or I G Design system) cassette glazed with IGU(s), incorporating one pane of laminated glass compliant with class P1A minimum, with either standard or mechanically fixed low threshold fitted with or without TS008 approved Letterplates which meet enhanced security Grade 2. Handle and cylinder combinations to give minimum 3\* protection. Doors are classified D.

#### **Hardware Options**

##### **Hinges:**

Yale Steel fixed pin (Outward Opening)  
Yale Steel loose pin (Inward Opening)  
Nico Steel fixed pin butt hinge (Outward Opening)  
Nico Steel loose pin (Inward Opening)  
Trojan 3D (Inward and Outward Opening)  
IG Doors Lift- Off adjustable and non adjustable (Inward and Outward Opening)

##### **Locking system:**

ERA Multipoint lock  
Yale Multipoint lock  
Winkhaus AV2 Espagnolette  
Winkhaus Trulock MPL  
ERA GU Electronic MPL

##### **Thresholds:**

MDS25 / MDS150  
Exitex MXS15-2 Open-in threshold  
Exitex OUM5 Open-out threshold

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Page: 6 of 9

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## HNG and HFNG Composite Residential Door Systems

### Size Limitations and Performance Characteristics

Door Type	Width (mm) Maximum	Height (mm) - Maximum (including sill)	Air Permeability classification	Watertightness classification	Resistance to Wind classification	Exposure category as given in Table 1 of BS 6375-1:2009
Overall dimensions for doors with approved outer frame and sash profiles:						
Single leaf frame Open Out	1024	2100	Class 3	Class 4A	Class A3	1200
Single leaf frame Open In	1024	2100	Class 4	Class 2A	Class A2	800
Single leaf PVC-U frame Open In	1048	2100	Class1	Class 2A	Class A2	800X
Single leaf door in PVC-U frame IG Doors Lift-off hinges	1024	2100	Class 4	Class 3A	Class C2	800
Open Out with (coupled or integral) side panel(s)	2100	2100	Class 3	Class 4A	Class A3	1200
Single leaf door in PVC-U frame IG Doors Lift-off hinges	1024	2100	Class 4	Class 3A	Class C2	800
Open Out with (coupled or integral) side panel(s) and fan light(s)	2100	2500	Class 3	Class 4A	Class A3	1200
Open In with (coupled or integral) side panel(s)	2100	2100	Class 4	Class 2A	Class A2	800
Open In with (coupled or integral) side panel(s) and fan light(s)	2100	2500	Class 4	Class 2A	Class A2	800

**This Kitemark Licence covers the general and enhanced security performances of all doorsets detailed but DOES NOT COVER FIRE RESISTANCE CLASSIFICATION for any fire doors included**

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Page: 7 of 9

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## **BS 8529:2017 / PAS 24:2016 - General and enhanced security performance requirements for Composite door assemblies.**

This Certificate covers the following residential door system design specification. Only those components that have been approved in accordance with the Kitemark scheme requirements can be incorporated within the system(s) detailed.

### **HTR Composite Residential Door System**

Fabricated and installed in accordance with the IG Doors Limited Quality and Manufacturing System.

#### **System description**

The door assemblies are open in or open out, hinged on outer frame or mullion, GRP Door Slab (GK, Capstone or IG Doors) with a polyurethane foam core, fitted in a PVC-U (either Spectus Sightline 70 or Elite 70 profile in both 40mm or 50mm sections outer frame, cassette glazed (screw fixed, TriSys® or IG Design system) with IGU(s), incorporating one pane of laminated glass compliant with class P1A minimum, with either standard or mechanically fixed low threshold fitted with or without TS008 approved Letterplates which meet enhanced security Grade 2. Handle and cylinder combinations to give minimum 3\* protection. Doors are classified D.

#### **Hardware Options**

<b>Hinges:</b>	Trojan 3D (Inward and Outward Opening) Nico Load Pro adjustable hinge IG Doors Lift- Off adjustable and non adjustable (Inward and Outward Opening) UAP adjustable hinges
<b>Locking system:</b>	ERA, UAP220 Multipoint lock Winkhaus AV2 Espagnolette Winkhaus Trulock MPL
<b>Thresholds:</b>	MDS25 / MDS150 Exitex MXS15-2 Open-in threshold Exitex OUM5 Open-out threshold
<b>Ancillaries:</b>	KFV Dog Bolts

#### **Performance classifications as determined by BS 6375 Part 2**

Operating Forces	Class 2
Mechanical Strength	Class 2
Vertical load	600N
Static torsion	250N
Soft and heavy impact	60 J
Hard body impact	3 J
Repeated opening and closing	Class 4

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Page: 8 of 9

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# Kitemark™ Certificate

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## HTR Composite Residential Door Systems

### Size Limitations and Performance Characteristics

Door Type	Width (mm) Maximum	Height (mm) - Maximum (including sill)	Air Permeability classification	Watertightness classification	Resistance to Wind classification	Exposure category as given in Table 1 of BS 6375-1:2009
Overall dimensions for doors with approved outer frame and sash profiles:						
Single leaf frame Open Out	1024	2100	Class 3	Class 4A	Class A3	1200
Single leaf frame Open In	1024	2100	Class 4	Class 2A	Class A2	800
Single leaf door in PVC-U frame IG Doors Lift-off hinges	1024	2100	Class 4	Class 3A	Class C2	800
Open Out with (coupled or integral) side panel(s) and fan light(s)	2100	2500	Class 3	Class 4A	Class A3	1200
Open In with (coupled or integral) side panel(s)	2100	2100	Class 4	Class 2A	Class A2	800
Open In with (coupled or integral) side panel(s) and fan light(s)	2100	2500	Class 4	Class 2A	Class A2	800

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Page: 9 of 9

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