

## Kitemark™ Certificate

This is to certify that:

AWS Turner Fain Limited  
Roman Acre House  
West Bank  
Berry Hill Industrial Estate  
Droitwich  
WR9 9AE  
United Kingdom

Holds Certificate Number:

KM 598899

In respect of:

**BS 4873/PAS 24**  
**Enhanced Security Aluminium 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

First Issued: 2014-01-17

Latest Issue: 2025-05-15

Effective Date: 2025-06-24

Expiry Date: 2028-06-23

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# Kitemark™ Certificate

No. KM 598899

**BS 4873:2016 / PAS 24:2022 - Enhanced security performance requirements for doors in the UK.**

This Certificate covers the fabrication of doors from the range of profiles and components supplied by Hydro Building Systems UK Limited under Certificate Number KM 90215. Only those components that have been approved in accordance with the Kitemark scheme requirements can be incorporated within the system detailed.

**Technal 75mm Dualframe Aluminium Alloy Residential Door System**

Fabricated and installed in accordance with the latest issue of the following Hydro Building Systems UK Limited manual incorporating the Scope of Certification:

Dualframe 75mm High Performance Entrance Door Product Manual

**System description:**

The door assemblies are thermally broken, open in or open out, hinged on outer frame or mullion, internally or externally beaded with at least one pane of laminated glass meeting the requirements of BS EN 356:2000, Class P1A or higher, where applicable, and shall be glazed in accordance with the BS 6262 series, with or without midrails, with standard or low threshold and mechanically jointed construction. Hydro Branded Locking and Hinges, doors are classified D.

The fitting of any connected or smart device to this product will invalidate this Kitemark Certificate unless BSI has been provided with objective evidence from a competent authority that the device has been tested and certified to EN 303645. BSI will update any Kitemark certificates with the relevant products as and when they have been tested.

**Classification for Operational strength in accordance with BS 6375**

Operating forces	Class 1
Vertical Load	Class 2
Resistance to Static Torsion	Class 2
Soft and Heavy body Impact	Class 2
Hard Body Impact	Class 2
Load Bearing Capacity of safety devices	N/A
Closure against obstruction	Pass
Resistance to opening and closing	Class 4 (50,000)

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# Kitemark™ Certificate

No. KM 598899

## Technal 75mm Dualframe Aluminium Alloy Residential Door System

### Size Limitations and Performance Characteristics

Door Type	Length (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
Sash dimensions for doors with approved outer frame and sash profiles:						
Open Out Standard Threshold Single Leaf doors	1250	2500	2	9A	C4	1600
All other Single leaf doors (Incl Low Threshold)	1250	2500	2	7A	C4	1600
Overall dimensions for doors with approved outer frame and sash profiles:						
Open Out Standard Threshold Double Leaf doors	2446	2500	2	9A	C3	1200
All other Double leaf doors (Incl Low Threshold)	2446	2500	2	3A	A2	1200

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# Kitemark™ Certificate

No. KM 598899

## BS 4873:2016 / PAS 24:2022 - Enhanced security performance requirements for doors in the UK.

This Certificate covers the fabrication of doors from the range of profiles and components supplied by Hydro Building Systems UK Limited under Certificate Number KM 90215. Only those components that have been approved in accordance with the Kitemark scheme requirements can be incorporated within the system detailed.

### Technal STII Commercial Doorset

Fabricated and installed in accordance with the latest issue of the following Hydro Building Systems UK Limited manual incorporating the Scope of Certification: Technal STII Product Manual.

#### System description:

The door assemblies are thermally broken, single or double leaf, open in and open out, pivoted, internally beaded with at least one pane of laminated glass meeting the requirements of BS EN 356:2000, Class P1A or higher, where applicable, and shall be glazed in accordance with the BS 6262 series, with or without midrails, with low threshold and mechanically jointed construction. Doors are classified as D.

The fitting of any connected or smart device to this product will invalidate this Kitemark Certificate unless BSI has been provided with objective evidence from a competent authority that the device has been tested and certified to EN 303645. BSI will update any Kitemark certificates with the relevant products as and when they have been tested.

#### Hardware

Single/Double Door  
Manual Locking

Multipoint Lock (CFC154) and keeps (STP335), Level/Lever security handle set (DFP1010) Security Handle Supplementary Fixing Pack (STP338) and Kitemark Cylinder (DFP1197) Slave Leaf additionally Shootbolt Gear Box (STP314), Rods (CDP252 or CFP161), Rod Head Keep (STP315) and Rod Threshold Keep (STP332).

Or

2 x Single Point Security Deadlocks (STP309) and Keeps (STP331) and 2 x 3 Star Euro Cylinders (STP385) or (STP386) Slave Leaf additionally Shootbolt Gear Box (STP314), Rods (CDP252) or (CFP161), Rod Head Keep (STP315) and Rod Threshold Keep (STP332).

Single/Double Door  
Surface Mounted  
Panic Bolt

Panic bolt Kits (STP 374) or (STP 375), Panic Bolt Transom Bracket (STP377 single leaf) (STP378 Double Leaf), External Access Device with BS EN 1303:2005 Rim Cylinder (STP418)

Single/Double Door  
Electromagnetic lock

Single Door 2 x Electromagnetic locks (STP394), Fixing bracket pack (STP390), Reinforcing Bracket pack (STP391), 2x stile tapping plates (STP392)  
Double Door 2 x Electromagnetic locks (STP 394), Continuous fixing bracket (ST292), Continuous Bracket tapping plates (STP396). 2 x top rail tapping plates (STP 393), 2 x Bottom Rail Deadlock kits (STP 363) 2 x 3 Star Euro Cylinders (STP385) or (STP 386)

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# Kitemark™ Certificate

No. KM 598899

## Technal STII Commercial Doorset

### Classification for Operational strength in accordance with BS 6375

Operating forces	Class 1
Vertical Load	Class 2
Resistance to Static Torsion	Class 2
Soft and Heavy body Impact	Class 2
Hard Body Impact	Class 2
Load Bearing Capacity of safety devices	N/A
Closure against obstruction	Pass
Resistance to opening and closing	Class 4 (50,000)

### Size Limitations and Performance Characteristics

Door Type	Length (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
Sash dimensions for doors with approved outer frame and sash profiles:						
Individual Leaf	1032	2400	3	3A	B5	1200

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# Kitemark™ Certificate

No. KM 598899

## BS 4873:2016 / PAS 24:2022 - Enhanced security performance requirements for doors in the UK.

This Certificate covers the fabrication of doors from the range of profiles and components supplied by Reynaers Limited. Only those components that have been approved in accordance with the Kitemark scheme requirements can be incorporated within the system detailed.

### Reynaers Vision 50i Aluminium Alloy Residential Door System

Fabricated and installed in accordance with the latest issue of the following Raynaers Limited manual(s):  
Vision 50i Product Manual

#### System description:

The door assemblies are non-thermally broken, single or double leaf, pivot hinged, internally or externally beaded with at least one pane of laminated glass meeting the requirements of BS EN 356:2000, Class P1A or higher, where applicable, and shall be glazed in accordance with the BS 6262 series, with a low threshold and mechanically jointed construction.

The fitting of any connected or smart device to this product will invalidate this Kitemark Certificate unless BSI has been provided with objective evidence from a competent authority that the device has been tested and certified to EN 303645. BSI will update any Kitemark certificates with the relevant products as and when they have been tested.

#### Hardware Options

##### Lock

Reynaers E2133 Security master leaf pack  
Electronic V Locks

##### Hinge

Reynaers ASSA Abloy Hold open concealed transom closure with anti fingertrap

#### Classification for Operational strength in accordance with BS 6375

Operating forces	Class 1
Vertical Load	Class 2
Resistance to Static Torsion	Class 2
Soft and Heavy body Impact	Class 2
Hard Body Impact	Class 2
Load Bearing Capacity of safety devices	N/A
Closure against obstruction	Pass
Resistance to opening and closing	Class 4 (50,000)

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# Kitemark™ Certificate

No. KM 598899

## Reynaers Vision 50i Aluminium Alloy Residential Door System

### Size Limitations and Performance Characteristics

Door Type	Length (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 (except *)
Sash dimensions for doors with approved outer frame and sash profiles:						
Single leaf doors	1200	2200	-	-	-	800U*
Overall dimensions for doors with approved outer frame and sash profiles:						
Double leaf doors	2200	2200	-	-	-	800U*

\* Exposure category as given in Table 1 of PAS 23-1:1999

**Note:** did not achieve minimum air permeability or weathertightness classification and is therefore unsuitable for locations exposed to weather

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**BS 4873:2016 / PAS 24:2022 - Enhanced security performance requirements for doors in the UK.**

This Certificate covers the fabrication of doors from the range of profiles and components supplied by Reynaers Limited. Only those components that have been approved in accordance with the Kitemark scheme requirements can be incorporated within the system detailed.

**Concept Series Range (68, 77, 86, 104mm) Aluminium Alloy Residential Door System**

Fabricated and installed in accordance with the latest issue of the Reynaers Limited fabrication manual.

**System description:**

The door assemblies are thermally broken, open in or out, Single or Double leaf hinged on outer frame or mullion, internally beaded with at least one pane of laminated glass meeting the requirements of BS EN 356:2000, Class P1A or higher, where applicable, and shall be glazed in accordance with the BS 6262 series, fully glazed, with mitred joints (either crimped or screw fixed) with either standard, low or mechanically fixed low threshold (aluminium ref 005.0873). Doors are classified D. Fitted with handle and cylinder to provide combined 3\* rating minimum in accordance with TS007.

The fitting of any connected or smart device to this product will invalidate this Kitemark Certificate unless BSI has been provided with objective evidence from a competent authority that the device has been tested and certified to EN 303645. BSI will update any Kitemark certificates with the relevant products as and when they have been tested.

**Components**

**CS68 approved profiles:**

0050136, 0050141, 0050525, 0050139, 0080514, 0080540, 0051483, 0051425, 0051440, 0052439, 0050438, 0050183, 0050125, 000140, 005898, 0050598, 0050824, 0050847, 0050854, 0051442, 0051443, 0051444, 0050144, 0050113, 0050813, 0050820, 0050814, 0050120, 0050114, 0050123, 0050823, 0050155, 0050817, 0050850, 0050544, 0050886, 0050121, 3026, 2026, 0F82026, 0102, 0192, 0112, 1521, 1402,

**CS77 approved profiles:**

080140, 0083140, 0083183, 0083125, 0083136, 0083141, 0083139, 0083525, 0080438, 0080439, 0083483, 0083425, 0083440, 1080183, 0F80183, 0080183, 1080125, 0080140, 0F80140, 0083451, 0080114, 0F80114, 0080120, 0F80120, 0080123, 0F80123, 0083824, 0083847, 0083854, 0083442, 0083443, 0083444, 0083848, 0083820, 0083814, 0083823, 0083813, 0083114, 0083123, 0080544, 0083817, 0083850, 0080155, 0083454, 0080598, 0083121, 1081016, 0083102, 0083192, 0F83192, 0083112, 0F83112, 0083191, 0083121, 0F83121, 0080066, 0F80066, 0082026

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No. KM 598899

## CS68 approved profiles:

1080136, 1080183, 1080125, 1080140, 1F85183, 1085183, 1F85125, 1085125, 1F85140, 1085140, 1F85142, 1085142, 0081898, 1080898, 2080183, 2080125, 2080898, 1080113, 1080120, 1080114, 1080123, 1F80123, 1080116, 1080824, 1080817, 1080847, 1080850, 1080854, 1083848, 1F80142, 1080142, 1F85120, 1085120, 1F85114, 1085114, 1080824, 1080442, 1080443, 1080444, 1080451, 081012, 1F81012, 1080066, 1F80066, 1081026, 1F81026, 1081032, 1F81032, 1081023, 1F8.1023, 108.0102, 1080192, 1080112, 1080121, 1085121, 1F85121, 1085112, 1F85112, 1085192, 1F85192,

## CS104 approved profiles:

2080220, 2080128, 2080192, 2081112

## Hinges:

0656524 alloy extrusion lift off hinges 250mm from top and bottom of door leaf and mid height of door leaf  
Reynaers Ref. 0656383, 0656384, 0656565, 0656396 or 0656397 barrel hinge with 0607830 hinge protector (90 x 20) Dr Hahn Turband 4 76.5/2 flag hinge 250mm from top and bottom and central Reynaers 0656688 Dr Hahn Turband 4 two or three part flag hinges with 0656479 hinge protector (22 x 112)

Dr Hahn Hidden door hinge Reynaers Ref. 0656850

## Lock and Keeps:

**Lock option 1** - up to leaf heights of 2500mm Reynaers Ref. 0616003 24 wide

Keeps Upper & lower Reynaers Ref. 0616041 24 x 105 5 Centre keeps Ref. 0617703 25 x 190

**Lock option 2** - Winkhaus AV2 Ref. 4980929 L/H 4980930 R/H 24 wide Lock extension additional lock bolt Reynaers Ref 1BF.821 for door leaf heights above 2500mm

Keeps Upper & lower Winkhaus Ref. 2904556

Centre keeps Winkhaus Ref. 4988237 L/H 4988238 R/H

**Lock option 3** - Reynaers Ref. 0618550 or 0618540 (Fuhr 859) 24 wide Reynaers Ref. 0618500, 0618510, 0618501 or 0618511(Fuhr 855GL) Reynaers Ref 0618107 for door leaf heights above 2350mm Keeps Upper & lower Reynaers Ref. 0618182

Centre keeps Reynaers Ref. 0618153 or Ref. 0618154

**Lock option 4** - Reynaers Ref. 0618580 or 0618590 (Fuhr 881P) Lock extension additional lock Reynaers Ref 0618109 for door leaf heights above 2350mm

Keeps Upper & lower Reynaers Ref. 618188

Centre keeps Reynaers Ref. 0618153 or Ref. 0618154

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# Kitemark™ Certificate

No. KM 598899

## Concept Series Range (68, 77, 86, 104mm) Aluminium Alloy Residential Door System

### Size Limitations and Performance Characteristics

Door Type	Length (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
Sash dimensions for door leaves with approved outer frame and sash profiles:						
Open In	1400	3000	-	-	-	800U*
Open Out	1400	3000	-	-	-	800

**\*Note:** did not achieve minimum air permeability or weathertightness classification and is therefore unsuitable for locations exposed to weather

### Classification for Operational strength in accordance with BS 6375

Operating Forces	Class 2
Mechanical Strength	Class 2
Vertical load	-
Static torsion	-
Soft and heavy impact	-
Hard body impact	-
Repeated opening and closing	Class 4

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# Kitemark™ Certificate

No. KM 598899

**BS 4873:2016 / PAS 24:2022 - Enhanced security performance requirements for doors in the UK.**

This Certificate covers the fabrication of doors from the range of profiles and components supplied by Smart Systems Limited under Certificate Number KM 530838. Only those components that have been approved in accordance with the Kitemark scheme requirements can be incorporated within the system detailed.

**Visofold 1000 Door System**

Fabricated and installed in accordance with the latest issue of the following Smart Systems Limited manual(s):  
Visofold 1000 Technical Manual

**System description:**

The door assemblies are open in or out sliding and folding, up to 7 panes in all configurations within the maximum leaf size detailed below. Internally beaded with at least one pane of laminated glass meeting the requirements of BS EN 356:2000, Class P1A or higher, where applicable, and shall be glazed in accordance with the BS 6262 series, fully glazed, with either standard or low threshold. Doors are classified as D The fitting of any connected or smart device to this product will invalidate this Kitemark Certificate unless BSI has been provided with objective evidence from a competent authority that the device has been tested and certified to EN 303645. BSI will update any Kitemark certificates with the relevant products as and when they have been tested.

<b>Profiles:</b>	Outer Frame:	DV14/17/19/32/38/56/60/62/68/75/76/171/172/173/174/175/176/271/273/555/EUD03
	Leaf:	DV23/26/28/29/220/221/228/229/DV123/126
	Midrail:	DV30/35/235
	Frame Filler:	PCX36/38
<b>Hardware:</b>	Locking:	ACDV722/723/727/728/737/738/742/744/ACDV576/577/676/677/752/753/762/763/772/773
	Ancillary:	ACET217 Mullion Keep Support. ACDV080 Run-up. ACDV081a-lift
	Shoot Bolts:	ACDV227/229/297/328/ACDV627/737/738/745
	Hinges:	ACDV232/331/332/333/532/380/381/ACDV334
	Handle:	ACDV225/226/501/502/524/525/251* ACET480
	Cylinder:	ACCY50/50-S3*/ACDV258/ACMX01604

\*Handle ACDV251 must be used with security cylinder ACCY50/50-S3

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# Kitemark™ Certificate

No. KM 598899

## Visofold 1000 Door System

### Classification for Operational strength in accordance with BS 6375

Operating forces	Class 1
Vertical Load	Class 2
Resistance to Static Torsion	Class 2
Soft and Heavy body Impact	Class 2
Hard Body Impact	Class 2
Load Bearing Capacity of safety devices	N/A
Closure against obstruction	Pass
Resistance to opening and closing	Class 4 (50,000)

### Size Limitations and Performance Characteristics – To be read in conjunction with fabrication manual

Door Type	Leaf Width (mm) Maximum	Leaf Height (mm) - Maximum	Air Permeability classification	Watertightness classification	Resistance to Wind classification	Exposure category as given in Table 1 of BS 6375-1
Low Threshold	1200	2500	2	2A	1200	1200
Rebated	1200	2500	3	4A	1200	1200
Rebated Without DV32 post	1200	2500	4	5A	1800	1800

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# Kitemark™ Certificate

No. KM 598899

## **BS 4873:2016 / PAS 24:2022 - Enhanced security performance requirements for doors in the UK.**

This Certificate covers the fabrication of doors from the range of profiles and components supplied by Smart Systems Limited under Certificate Number KM 530838. Only those components that have been approved in accordance with the Kitemark scheme requirements can be incorporated within the system detailed.

### **Smart Wall Door & Screen System**

Fabricated and installed in accordance with the latest issue of the Smart Systems Limited fabrication manual.

### **System description:**

The door assemblies are single or double leaf Auto-slide/Swing with or without sidescreens, thermally broken, dual opening, pivot hinged, internally beaded with at least one pane of laminated glass meeting the requirements of BS EN 356:2000, Class P1A or higher, where applicable, and shall be glazed in accordance with the BS 6262 series with either rebated or mechanically fixed low threshold. Doors are classified D. The fitting of any connected or smart device to this product will invalidate this Kitemark Certificate unless BSI has been provided with objective evidence from a competent authority that the device has been tested and certified to EN 303645. BSI will update any Kitemark certificates with the relevant products as and when they have been tested.

### **Profiles**

**Outerframe:** IMP 210 Jamb Section, IMP 301 infill strip, IMP 110 Head Section, 115/116/217/219/310/410 IMP 011 Over head closure cover, IMP 265/035 AFT Adaptor IMP013/015/019

**Leaf:** IMP 036N/037 AFT Stile, IMP 039 Primary Lock Stile, IMP 300 Stile Infill, IMP041/042/043/025/026/032 F.H Shoot Bolt stile/038/040 IMP 120 Top Rail, IMP 027 Bottom Rail, IMP 034 Midrail, 028/121/122/260 IMP 261/262/263/411 Threshold, GL 526 Glazing Bead 264/265/266/412/415. VG 532/533 - Interlock Bolster

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# Kitemark™ Certificate

No. KM 598899

## Smart Wall Door & Screen System

### Hardware:

Hinges:	ACIM 425B Closure kit
Lock and Keeps:	ACIM 440 Sentinel x2 ACIM 008 keep Sentinel lock in conjunction with magnetic locking at least one hook bolt must be included centrally. Alpro Maglock 48AL2400-LP VORTEX Concealed Panic bar ref- AXIM PR-7085 Series including RE-712 & CB-748-AL Support Block (x2) – ACIM 270 Concealed Panic bar with multi-point lock ref – Sentinel Maximus 3 Point Panic Lock -430A. Touch Bar 400TB, External Handle 400LH, Cylinder Guard 400CS & 400ES. Multi-lock Cylinder 51288527-M71B-SXP. Euro 120 50AX70NM. CAM 348E. 2 x Trimec ES 8001 Electronic V- Lock (ACIM420) – can be used in conjunction with manually operated shootbolts on slave leaf of double doorset.
Shootbolts:	ACVL426 with rods ACVL127. ACSZ040/041/042
Cylinder:	ACIM 442, ACIM 443, ACSZ750/751 Guards
Handle:	ACMX05522 200mm Pad Handles
Auto-Gear:	Dorma ES200 with heavy duty support brackets ACIM271/272
Other:	Adams Rite Panic Exit Hardware Concealed Rod Panic Bar Ref 485 & 585 585 Push Bar AA-8-585 PPB-US2-1300-SIL 485 Touch Bar AA-8-485 PTB-US2-1200-SIL 485 Lever handle AA-8-485 ALC-IKO-SIL 485 Escutcheon AA-8-485AEC-IKO-68-SIL 585 Escutcheon AA-8-585AEG-IKO-68-SIL

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# Kitemark™ Certificate

No. KM 598899

## Smart Wall Door & Screen System

### Classification for Operational strength in accordance with BS 6375

Operating forces	Class 1
Vertical Load	Class 2
Resistance to Static Torsion	Class 2
Soft and Heavy body Impact	Class 2
Hard Body Impact	Class 2
Load Bearing Capacity of safety devices	N/A
Closure against obstruction	Pass
Resistance to opening and closing	Class 4 (50,000)

### Size Limitations and Performance Characteristics – To be read in conjunction with fabrication manual

Door Type	Leaf Width (mm) Maximum	Leaf Height (mm) - Maximum	Air Permeability classification	Watertightness classification	Resistance to Wind classification	Exposure category as given in Table 1 of BS 6375-1
Rebated Single leaf	1200	2500	2	4A	A5	2000
Rebated Double leaf	1200	2500	2	4A	A5	2000
Single leaf	1200	2500	-	-	A2	800U
Double leaf	1200	2500	-	-	A2	800U
Sidescreen	3000	2500	4	9A	A4	1600

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# Kitemark™ Certificate

No. KM 598899

## BS 4873:2016 / PAS 24:2022 - Enhanced security performance requirements for doors in the UK.

This Certificate covers the fabrication of doors from the range of profiles and components supplied by Smart Systems Limited under Certificate Number KM 530838. Only those components that have been approved in accordance with the Kitemark scheme requirements can be incorporated within the system detailed.

### Alitherm Heritage & Heritage 60 Aluminium Alloy Residential Door System

Fabricated and installed in accordance with the latest issue of the following Smart Systems Limited manual(s):  
Alitherm Heritage Door Technical Manual

#### System description:

The door assemblies are single or double leaf open in or out, hinged on outer frame or mullion, internally beaded with at least one pane of laminated glass meeting the requirements of BS EN 356:2000, Class P1A or higher, where applicable, and shall be glazed in accordance with the BS 6262 series, with or without mechanically fixed midrails (either glass/midrail/glass or full glass), with either standard or mechanically fixed low threshold. Doors are classified D and can be fitted with letterplates which meets the requirements of TS008 Enhanced Security Grade 2. The fitting of any connected or smart device to this product will invalidate this Kitemark Certificate unless BSI has been provided with objective evidence from a competent authority that the device has been tested and certified to EN 303645. BSI will update any Kitemark certificates with the relevant products as and when they have been tested.

<b>Profiles:</b>	Outer Frame:	W20015/20016/20017/20112/20270/20111/20272/20274/ W20415/20417/20470/20472/20474
	Leaf:	W20124/20129/20046/20149/W20424/20429/20446/20449
<b>Hardware:</b>	Midrail:	W200135/20038/20039/20133/20135/20136/20138/W20430/20438
	Locking:	FUHR (ACW20465/20466/ACDV737/738/ACW20066/20367/20437
	Hinges:	Banks (ACW20164/ACW20360
	Hinge Protectors:	FUHR (ACWT 20375)
	Handle:	Standard with ACCY4525NKTTS3/ACET480 with ACY3045NKSICYL
	Cylinder:	ACCY4525NKTTS3/ACCY3045NKSI (with ACET480 only) ACCY5025NKS3/ACCY5025NKTTS3

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# Kitemark™ Certificate

No. KM 598899

## Alitherm Heritage & Heritage 60 Aluminium Alloy Residential Door System

### Classification for Operational strength in accordance with BS 6375

Operating forces	Class 1
Vertical Load	Class 2
Resistance to Static Torsion	Class 2
Soft and Heavy body Impact	Class 2
Hard Body Impact	Class 2
Load Bearing Capacity of safety devices	N/A
Closure against obstruction	Pass
Resistance to opening and closing	Class 4 (50,000)

### Size Limitations and Performance Characteristics – To be read in conjunction with fabrication manual

Door Type	Leaf Width (mm) Maximum	Leaf Height (mm) - Maximum	Air Permeability classification	Watertightness classification	Resistance to Wind classification	Exposure category as given in Table 1 of BS 6375-1
Double leaf open in standard threshold	900	2200	4	3A	B3	1200
Double leaf open out standard threshold	900	2200	4	E1050	B3	1200

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# Kitemark™ Certificate

No. KM 598899

## BS 4873:2016 / PAS 24:2022 - Enhanced security performance requirements for doors in the UK.

This Certificate covers the fabrication of doors from the range of profiles and components supplied by Senior Architectural Limited. Only those components that have been approved in accordance with the Kitemark scheme requirements can be incorporated within the system detailed.

### Ali FOLD Door System

Fabricated and installed in accordance with the latest issue of the following Senior Architectural Limited manual(s): Ali FOLD Technical Manual

#### System description:

The door assemblies are open in or out sliding and folding, up to 7 panes in all configurations within the maximum leaf size detailed below. Internally beaded with at least one pane of laminated glass meeting the requirements of BS EN 356:2000, Class P1A or higher, where applicable, and shall be glazed in accordance with the BS 6262 series, fully glazed, with either standard or low threshold. Doors are classified as D. Fitted with handle and cylinder to provide combined 3\* rating minimum in accordance with TS007.

The fitting of any connected or smart device to this product will invalidate this Kitemark Certificate unless BSI has been provided with objective evidence from a competent authority that the device has been tested and certified to EN 303645. BSI will update any Kitemark certificates with the relevant products as and when they have been tested.

<b>Profiles:</b>	SSPW231230, SPW230231, SPW232233, SPW237236, SPW234, PUR016
<b>Hardware:</b>	
Locking:	Senior Architectural Systems Limited PURD01 Multipoint door lock and PURD01EXT Multipoint door lock extension
Ancillary:	PURD01RHK Multipoint door lock one piece keep and PURD01EXTK Multipoint door lock extension keep
Hinges:	PURA764B folding sliding door hinge kit

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# Kitemark™ Certificate

No. KM 598899

**Ali FOLD Door System**  
**Size Limitations and Performance Characteristics**

Door Type	Leaf Width (mm) Maximum	Leaf Height (mm) - Maximum	Air Permeability classification	Watertightness classification	Resistance to Wind classification	Exposure category as given in Table 1 of BS 6375-1
Single leaf open in	1000	2616	3	3A	B3	1200
Single leaf open out	1000	2616	3	4A	B3	1200

**Classification for Operational strength in accordance with BS 6375**

Operating Forces	Class 1
Mechanical Strength	Class 2
Vertical load	Class 2
Static torsion	Class 2-
Soft and heavy impact	Class 2
Hard body impact	Class 2
Repeated opening and closing	Class 4

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# Kitemark™ Certificate

No. KM 598899

**BS 4873:2016 / PAS 24:2022 - Enhanced security performance requirements for doors in the UK.**

This Certificate covers the fabrication of doors from the range of profiles and components supplied by Senior Architectural Limited. Only those components that have been approved in accordance with the Kitemark scheme requirements can be incorporated within the system detailed.

**PURe Folding Door System**

Fabricated and installed in accordance with the latest issue of the following Senior Architectural Limited manual(s): PURe Technical Manual

**System description:**

The door assemblies are open in sliding and folding, up to 7 panes in all configurations within the maximum leaf size detailed below. Internally beaded with at least one pane of laminated glass meeting the requirements of BS EN 356:2000, Class P1A or higher, where applicable, and shall be glazed in accordance with the BS 6262 series, with either standard or low threshold. Doors are classified as D. Fitted with handle and cylinder to provide combined 3\* rating minimum in accordance with TS007.

The fitting of any connected or smart device to this product will invalidate this Kitemark Certificate unless BSI has been provided with objective evidence from a competent authority that the device has been tested and certified to EN 303645. BSI will update any Kitemark certificates with the relevant products as and when they have been tested.

<b>Profiles:</b>	SSPW231230, SPW230231, SPW232233, SPW237236, SPW234, UR016
<b>Hardware:</b>	
Locking:	Senior Architectural Systems Limited PURD01 Multipoint door lock and PURD01EXT Multipoint door lock extension
Ancillary:	PURD01RHK Multipoint door lock one piece keep and PURD01EXTK Multipoint door lock extension keep
Hinges:	PURA764B folding sliding door hinge kit

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# Kitemark™ Certificate

No. KM 598899

**PURe Folding Door System**  
**Size Limitations and Performance Characteristics**

Door Type	Leaf Width (mm) Maximum	Leaf Height (mm) - Maximum	Air Permeability classification	Watertightness classification	Resistance to Wind classification	Exposure category as given in Table 1 of BS 6375-1
Single leaf open in	1000	2616	3	3A	B3	1200
Single leaf open out	1000	2616	3	4A	B3	1200

**Classification for Operational strength in accordance with BS 6375**

Operating Forces	Class 1
Mechanical Strength	-
Vertical load	Class 2
Static torsion	Class 2
Soft and heavy impact	Class 2
Hard body impact	Class 2
Repeated opening and closing	Class 4

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# Kitemark™ Certificate

No. KM 598899

## BS 4873:2016 / PAS 24:2022 - Enhanced security performance requirements for doors in the UK.

This Certificate covers the fabrication of doors from the range of profiles and components supplied by Senior Architectural Limited. Only those components that have been approved in accordance with the Kitemark scheme requirements can be incorporated within the system detailed.

### PURe Residential Door System

Fabricated and installed in accordance with the latest issue of the following Senior Architectural Limited manual(s): PURe Technical Manual

#### System description:

The door assemblies are open in or out single or double leaf. Internally beaded with at least one pane of laminated glass meeting the requirements of BS EN 356:2000, Class P1A or higher, where applicable, and shall be glazed in accordance with the BS 6262 series, fully glazed, with either standard or low threshold. Doors are classified as D. Fitted with handle and cylinder to provide combined 3\* rating minimum in accordance with TS007.

The fitting of any connected or smart device to this product will invalidate this Kitemark Certificate unless BSI has been provided with objective evidence from a competent authority that the device has been tested and certified to EN 303645. BSI will update any Kitemark certificates with the relevant products as and when they have been tested.

<b>Profiles:</b>	SSPW231230, SPW230231, SPW232233, SPW237236, SPW234, UR016
<b>Hardware:</b>	
Locking:	Senior Architectural Systems Limited PURD01 Multipoint door lock and PURD01EXT Multipoint door lock extension
Ancillary:	PURD01RHK Multipoint door lock one piece keep and PURD01EXTK Multipoint door lock extension keep
Hinges:	PURA764B hinge kit

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# Kitemark™ Certificate

No. KM 598899

**PURe Residential Door System**  
**Size Limitations and Performance Characteristics**

Door Type	Leaf Width (mm) Maximum	Leaf Height (mm) - Maximum	Air Permeability classification	Watertightness classification	Resistance to Wind classification	Exposure category as given in Table 1 of BS 6375-1
Maximum leaf open in	1000	2616	3	3A	B3	1200
Maximum leaf open out	1000	2616	3	9A	A3	1200

**Classification for Operational strength in accordance with BS 6375**

Operating Forces	Class 1
Mechanical Strength	Class 2
Vertical load	Class 2
Static torsion	Class 2-
Soft and heavy impact	Class 2
Hard body impact	Class 2
Repeated opening and closing	Class 4

BS 4873:2016 has been issued by BSI under a flexible accreditation scope

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