

Kitemark™ Certificate

This is to certify that:

Douglas Commercial Fabrications Ltd
Unit 1 Hemlock Park
Hyssop Close
Cannock
WS11 7FB
United Kingdom

Holds Certificate Number:

KM 618254

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: 2016-11-30

Latest Issue: 2022-09-14

Effective Date: 2022-09-14

Expiry Date: 2024-01-16



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Kitemark™ Certificate

No. KM 618254

BS 4873:2016 / PAS 24:2016 - General and enhanced security performance requirements for 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.

Sapa 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 BS EN 1279-2 compliant IGU(s), laminated on one pane to class P1A, with or without midrails, with standard or low threshold and mechanically jointed construction. Sapa Branded Locking and Hinges, doors are classified D.

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 6375-1:2009
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

First Issued: 2016-11-30

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Sapa Crown 120 Patio Doorset

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

Sapa Crown 120 Patio Door Product Manual.

System description:

The door assemblies are thermally broken and comprise up to maximum of 4 leaves and are horizontally sliding, internally beaded with BS EN 1279-2 compliant IGU(s), laminated on one pane to class P1A, with low threshold. Sapa Branded 6 hook Eurogroove Patio lock and 16mm Channel keeps with adjustable Tandem Rollers, doors are classified as D.

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 6375-1:2009
Sash dimensions for doors with approved outer frame and sash profiles:						
Individual Leaf	1630	2440	2	9A	A2	800
Overall dimensions for doors with approved outer frame and sash profiles:						
Complete sliding doorsets	6520	2500	2	9A	A2	800

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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.

Sapa Crown Bifolding Doorset
Sapa Slim Line Crown Bifolding Doorset

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

Sapa Crown Bifolding Door Product Manual.

System description:

The door assemblies are thermally broken and comprise up to maximum of 7 leaves and are folding and sliding, internally beaded with BS EN 1279-2 compliant IGU(s), laminated on one pane to class P1A, with rebated threshold. Sapa Branded multilock with concealed shootbolts and continuous hinges, doors are classified as D.

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 6375-1:2009
Sash dimensions for doors with approved outer frame and sash profiles:						
Individual Leaf	1021	2425	2	6A	C4	1600
Slim Line Sash dimensions for doors with approved outer frame and sash profiles:						
Individual Leaf	1021	2425	3	4A	C3	1200

First Issued: 2016-11-30
Latest Issue: 2022-09-14

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Sapa Crown 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:
Crown Single and Double Leaf 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 BS EN 1279-2 compliant IGU(s), laminated on one pane to class P1A, with or without midrails, with standard or low threshold and mechanically jointed construction. Sapa Hookbolts and Latch locking with Sapa Hinges, doors are classified as D.

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 6375-1:2009
Sash dimensions for doors with approved outer frame and sash profiles:						
Open In Std Threshold Single leaf doors	1000	2155	2	5A	C3	1200
All other Single Leaf doors Incl. Low Threshold	1000	2155	2	3A	C3	1200
Overall dimensions for doors with approved outer frame and sash profiles:						
Open Out Std Threshold Double leaf doors	2080	2230	2	8A	A3	1200
All other Double Leaf doors Incl. Low Threshold	2080	2230	2	3A	A3	1200
Individual leaf maximum size	1005	2140	-	-	-	-

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Sapa C125 Sliding Doorset

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

Sapa C125 Sliding Door Product Manual.

System description:

The door assemblies are thermally broken and comprise up to maximum of 4 leaves and are horizontally sliding, internally beaded with BS EN 1279-2 compliant IGU(s), laminated on one pane to class P1A. Sapa Branded 4 Mushroom, 1 hook Eurogroove Sliding Door lock and aluminium keep with Tandem Rollers, doors are classified as D.

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 6375-1:2009
Sash dimensions for doors with approved outer frame and sash profiles:						
Individual Leaf	1442	2113	4	7A	C3	1200
Overall dimensions for doors with approved outer frame and sash profiles:						
Complete sliding doorsets	5600	2202	4	7A	C3	1200

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Sapa 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:
Sapa STII Product Manual.

System description:

The door assemblies are thermally broken, single or double leaf, open in and open out, pivoted, internally beaded with BS EN 1279-2 compliant IGU(s), laminated on one pane to class P1A, with or without midrails, with low threshold and mechanically jointed construction. Doors are classified as D.

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

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