



Kitemark[®] Licence

No. KM 90215

The British Standards Institution hereby grants to:

**Sapa Building Systems Limited
Severn Drive
Northway Industrial Estate
Tewkesbury
GL20 8TX
United Kingdom**

In respect of:

**PAS 23-1 and PAS 24-1 System Supplier
General and Enhanced Security Performance Requirements for Door Assemblies.**

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For and on behalf of BSI:

Chair, Certification Body Management Committee

First Issued: **5/09/2005**

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TDS (PAS 23-1) and PAS 24-1 General and enhanced security performance requirements for door assemblies

This Licence 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 Sapa Building Systems Limited manual(s):

Dualframe 75mm High Performance Entrance Door Product Manual(s)

System description:

The door assemblies are thermally broken, open in or open out, hinged on outer frame or mullion, internally or externally beaded with IGU(s), laminated on the outer pane, with or without midrails, with standard or low threshold and mechanically jointed construction.

Size Limitations and Performance Characteristics

Dual secure

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:						
Single leaf doors	1260	2500	2	7A	A4	1600
Overall dimensions for doors with approved outer frame and sash profiles:						
Double leaf doors	2446	2500	2	3A	A3	1200
Standard hardware option						
Sash dimensions for doors with approved outer frame and sash profiles:						
Single leaf doors Open out Standard Threshold	1050mm	2230mm	-	-	-	2400 Special
Single leaf doors Open in Low Threshold	1050mm	2220mm	-	-	-	800