



Kitemark[®] Licence

No. KM 74159

The British Standards Institution hereby grants to:

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

In respect of:

BS 4873 - Systems Supplier

This issues the right and licence to use the Kitemark in accordance with the Kitemark Licence Conditions of Contract governing the use of the Kitemark, as may be updated from time to time by The British Standards Institution, and as approved by the Registrar under the Trade Marks Act 1994 (the "Conditions"). All defined terms in this Licence 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 Licence provided at or from the above address.

For and on behalf of BSI:

Chair, Certification Body Management Committee

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BS 4873:2009 Aluminium alloy windows and doorsets.

This Licence covers the following window 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 & 55mm Dualframe Aluminium Alloy Window Systems

Fabrication and Installation: Fabricated and installed in accordance with the latest issue(s) of the following Sapa Building Products Limited controlled manual(s):

75mm Casement Window, 75mm Reversible Window, 75mm Si Casement Window, 75mm Si Tilt Before Turn Window, 55mm Casement Window, 55mm Tilt Before Turn Window

System description: The windows are thermally broken, double glazed only, internally or externally beaded, have multipoint locking only and mechanically fixed transoms/mullions

Ventilation: Titon TV4000 Trimvent Trickle Vent controllable ventilator

Window Types:

- Casement windows
- Reversible Windows
- TBT windows
- Dummy vent windows
- Fixed windows
- Multilight windows comprising opening and/or fixed light(s) or dummy vent(s)



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Size Limitations and Performance Characteristics

Sapa 75mm & 55mm Dualframe Aluminium Alloy Window Systems

Window Type	Length (mm) - Maximum	Height (mm) - Maximum	Perimeter (mm) - Maximum	Transom/Mullion Length (mm) inc frame - Maximum	Air Permeability classification	Watertightness classification	Resistance to Wind classification	Exposure category as given in Table 1 of BS 6375-1:2009 (except *)
Sash dimensions for windows with approved sash profiles:								
Projecting top hungs Standard vent	1165	1165	-	-	(600)	(300)	(2400)	2400 Special*
Projecting top hungs HD vent	1540	1750	-	-	4	9A	E2400	2400
Projecting side hungs Standard vent	665	1265	-	-	(600)	(300)	(2400)	2400 Special*
Projecting side hungs HD vent	838	1828	-	-	(600)	(600)	(2400)	2400 Special*
Reversibles	1256	1292	-	-	3	9A	5	2000
55mm TBTs	1445	1945	-	-	(600)	(300)	(2000)	2000 Special*
75mm Si TBTs	1453 1053	1953 2453	-	-	4	E1050	E2400	2400
Dummy vents	1497	1497	5272	-	(600)	(600)	(2400)	2400 Special*

* as given in Table 1 of BS 6375-1:1989



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Size Limitations and Performance Characteristics (continued)

Sapa 75mm & 55mm Dualframe Aluminium Alloy Window Systems

Window Type	Length (mm) - Maximum	Height (mm) - Maximum	Perimeter (mm) - Maximum	Transom/Mullion Length (mm) inc frame - Maximum	Air Permeability classification	Watertightness classification	Resistance to Wind classification	Exposure category as given in Table 1 of BS 6375-1:2009 (except *)
Overall dimensions for windows with approved outer frame profiles:								
Fixeds	1200	1200	4800	-	(600)	(300)	(2400)	2400 Special*
Fixeds	1678	1678	5756	-	(600)	(300)	(2400)	2000 Special*
Overall dimensions for windows with approved outer frame & transom/mullion profiles:								
Multilights, 320/328/ 340 (349) T/M (T)	2000	2000	6600	1300	(600)	(600)	(2400)	2400 Special*
Multilights, 353 T/M	2000	2000	8000	2000	(600)	(600)	(2400)	2400 Special*
Multilights, 324/325 T/M	2000	2000	6600	1300	(600)	(600)	(2400)	2400 Special*
Multilights, 610 T/M	2713	2713	8182	1378	(600)	(600)	(2400)	2400 Special*
Multilights, 326/327/ 342 (346)/344 (348) T/M (T)	2814	2814	8750	1561	(600)	(600)	(2400)	2400 Special*
Multilights, 352 T/M	1800	1800	7200	1800	(600)	(600)	(2400)	2400 Special*
Multilights, 901/900 x 2 (coupled) T/M	3000	3000	10000	3000	(600)	(600)	(2400)	2400 Special*

* as given in Table 1 of BS 6375-1:1989