

SCOPE OF CERTIFICATION

PAS 24



ER CERTIFICATION LTD

COMPANY NAME AND ADDRESS:	S&D Components Ltd Ta RAF Group 15 Lamson Road, Ferry Lane Ind Est, Rainham, Essex, RM13 9YY.
AWARDED CMS MARK:	90237-1 Issue 1
ER CERTIFICATION CMS SCHEME:	Enhanced Security Performance of Windows and Doorsets PAS24: 2016
CUSTOMER SCOPE:	Doors
MATERIAL:	Aluminium
Windows must be glazed in accordance with System Suppliers recommendations and BS 6262 (Glazing for Buildings). Where PAS 24 certified windows are to be installed adjacent to a door or when fitted with non-key unlocking hardware, each glazed area must include 1 pane of laminate glass meeting the requirements of EN 356 Class P1A. Units must be packed in accordance with System Supplier Fabrication Manual.	
Doors must be glazed in accordance with System Suppliers recommendations and BS 6262 (Glazing for Buildings). Where PAS 24 certified doors are to be installed, each glazed area must include at least one pane of laminated glass meeting the requirements of EN 356:2000 Class P1A or higher. Units must be packed in accordance with System Supplier Fabrication Manual.	

DESCRIPTION	STYLE	Pages
Schüco (UK) Ltd	ADS 70 HD Single & Double Doors	2 - 4
BS 6375-3 Declaration	All Products	5

Authorised by			Date 19 th August 2022
	John Warburton, Managing Director, ER Certification Ltd.		
			Date 19 th August 2022
	Peter Fradley, Certification & Compliance Manager, ER Certification Ltd.		

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ER CERTIFICATION LTD

COMPANY	S&D Components Ta RAF Group
AWARDED CMS MARK	CMS 90237-1 Issue 1

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Approved Door Type		ADS 70 HD Commercial Door Range Outward Opening Single Doors & Double Doors With or Without Midrails Construction as per fabrication manual Internally glazed.		
		Profile	Size (mm)	
Frame:	Outer:	372 220	70 x 69	
		397 710	70 x 72	
		372 230	70 x 79	
	Threshold:	184 840	48 x 4.5	
		171 230	56 x 20	
		360 680 Thermal	110 x 15	
Sash:	Top Rail & Stiles:	395 590	70 x 98	
		395 570	70 x 98	
		395 580	70 x 98	
		395 600	70 x 98	
		395 610	70 x 125	
		395 620	70 x 125	
		Bottom Rail:	171 820	70 x 125
			360 850	70 x 125
			177 130	70 x 142
			360 860	70 x 142
			171 140	70 x 192
			360 870	70 x 192
		Meeting Stile:	395 530	70 x 98
			395 540	78 x 98
			395 510	70 x 98
			395 520	70 x 98
		Midrail:	372 260	70 x 94
			358 270	70 x 104
			358 280	70 x 124
			358 290	70 x 150
		358 300	70 x 170	
		358 310	70 x 200	
		358 320	70 x 250	
	Floating Mullion & Adaptor:	372 200 Adaptor 372 270 Adaptor		
	Interlock:	n/a		
	Composite Slab	n/a		
	Glazing Cassette	n/a		

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COMPANY	S&D Components Ta RAF Group
AWARDED CMS MARK	CMS 90237-1 Issue 1

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Approved Door Type	ADS 70 HD Commercial Door Range Outward Opening Single Doors & Double Doors
Bead:	184 020 184 030 184 040 184 050 184 060 184 070 184 080 184 090 184 100
Seals:	Glazing Gaskets EPDM (Ref. 224 378, 224 350, 224 539) Between glass and bead EPDM (Ref. 224 063) Between glass and rebate upstand. Weatherseals 224 683
Glazing clips:	203 102 clips
Hinge:	239 584
Hinge Guards:	239 636
Locking mechanism:	241 735 211 853 211 849
Keeps:	To suit
Slave Locking mechanism:	240 714 240 716
Shoot bolts:	227 812
Shoot bolt keeps:	To suit
Cylinder:	Any 3* TS007 cylinder
Cylinder Guard:	237 963 208 761 240 988
Handle:	Schuco Lever Lever
Infill panel:	n/a
Run up blocks:	As Schuco manual
Drip bar:	n/a
With/without closer	Without

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COMPANY	S&D Components Ta RAF Group
AWARDED CMS MARK	CMS 90237-1 Issue 1

Page 4 of 5

Approved Door Type	ADS 70 HD Commercial Door Range Outward Opening Single Doors & Double Doors	
Screws & Fixings:	All as supplied	
Special	PUR Adhesive	
Size limitation	Width – up to a maximum of	Height – up to a maximum of
Sash Size	1267mm	2669mm
Standard(s) to which approved	PAS 24:2016 Class D. BS 6375 Parts 1,2,3.	
Weather-tightness rating (BS 6375-1)	Overall classification Doors 800U	
<p>Reinforcement locations to follow system supplier rules, this is checked on the client's audits. Due regard should be given to the maximum recommended sizes, as published by the hardware manufacturers. Where the client has independently tested alternative reinforcement rules, these will be declared in the "special" box above.</p> <p>Door ratings of 800U should not be considered for residential properties unless used in sheltered locations.</p> <p>Any door using a TS008 compliant letterplate will be deemed to meet the requirements of PAS 24: 2016.</p>		



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Conformity to BS 6375-3 (all products covered)

5.1	Resistance to snow and permanent load	N/A
5.2.1	Reaction to Fire	NPD
5.2.2	External Fire Performance	NPD
5.2.3	Resistance to Fire	NPD
5.3	Dangerous Substances	None
5.4	Ability to Release	NPD
5.5	Acoustic Performance	NPD
5.6	Thermal Transmittance	NPD
5.7	Radiation Properties	NPD
5.8	Durability	NPD
5.9	Bullet Resistance	NPD
5.10	Explosion Resistance	NPD
5.11	Behaviour between different climates	NPD
5.12	Behaviour under humidity variations in successive uniform climates	NPD
5.13	Burglar Resistance	See PAS 24 Scope
5.14	Power-operated Products	NPD
5.15	Closure against Obstructions	NPD

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ER CERTIFICATION LTD

COMPANY NAME AND ADDRESS:	S&D Components Ltd Ta RAF Group 15 Lamson Road, Ferry Lane Ind Est, Rainham, Essex, RM13 9YY.
AWARDED CMS MARK:	90237-6 Issue 1
ER CERTIFICATION CMS SCHEME:	Enhanced Security Performance of Windows and Doorsets PAS24: 2016
CUSTOMER SCOPE:	Doors
MATERIAL:	Aluminium
Windows must be glazed in accordance with System Suppliers recommendations and BS 6262 (Glazing for Buildings). Where PAS 24 certified windows are to be installed adjacent to a door or when fitted with non-key unlocking hardware, each glazed area must include 1 pane of laminate glass meeting the requirements of EN 356 Class P1A. Units must be packed in accordance with System Supplier Fabrication Manual.	
Doors must be glazed in accordance with System Suppliers recommendations and BS 6262 (Glazing for Buildings). Where PAS 24 certified doors are to be installed, each glazed area must include at least one pane of laminated glass meeting the requirements of EN 356:2000 Class P1A or higher. Units must be packed in accordance with System Supplier Fabrication Manual.	

DESCRIPTION	STYLE	Pages
Schüco (UK) Ltd	ADS 65 HD Single & Double Doors	2 - 4
BS 6375-3 Declaration	All Products	5

Authorised by			
		Date	19 th August 2022
	John Warburton, Managing Director, ER Certification Ltd.		
			
		Date	19 th August 2022
Peter Fradley, Certification & Compliance Manager, ER Certification Ltd.			

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ER CERTIFICATION LTD

COMPANY	S&D Components Ta RAF Group
AWARDED CMS MARK	CMS 90237-6 Issue 1

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Approved Door Type		ADS 65 HD Commercial Door Range Outward Opening Single Doors & Double Doors With or Without Midrails Construction as per fabrication manual Internally glazed.		
		Profile	Size (mm)	
Frame:	Outer:	362 100	65 x 69	
		362 890	65 x 79	
		397 680	65 x 72	
	Threshold:	167 260	45 4.5	
		184 830	46 x 20	
		370 940	105 x 15	
Sash:	Top Rail & Stiles:	395 390	65 x 98	
		395 400	65 x 98	
		395 410	65 x 98	
		395 420	65 x 98	
		395 430	65 x 125	
		395 440	65 x 125	
		Bottom Rail:	167 130	65 x 142
			167 140	65 x 192
			167 670	65 x 125
			319 210	65 x 125
			319 220	65 x 142
			319 230	65 x 192
		Meeting Stile:	395 330	65 x 98
			395 340	65 x 98
			395 350	65 x 98
			395 360	65 x 98
		Midrail:	362 120	65 x 94
			364 020	65 x 104
		364 030	65 x 124	
		364 040	65 x 150	
		364 050	65 x 200	
		364 060	65 x 250	
		364 480	65 x 170	
Floating Mullion & Adaptor:		362 060		
		362 140		
Interlock:		n/a		
Composite Slab		n/a		
Glazing Cassette		n/a		

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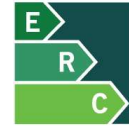
Approved Door Type	ADS 65 HD Commercial Door Range Outward Opening Single Doors & Double Doors
Bead:	184 020 184 030 184 040 184 050 184 060 184 070 184 080
Seals:	Glazing Gaskets EPDM (Ref. 224 378, 224 350, 224 539) Between glass and bead EPDM (Ref. 224 063) Between glass and rebate upstand.
Glazing clips:	203 102 fixing clip
Hinge:	239 590
Hinge Guards:	239 636
Locking mechanism:	211 849 211 853 241 735
Keeps:	To suit
Slave Locking mechanism:	239 472
Shoot bolts:	227 812
Shoot bolt keeps:	To suit
Cylinder:	Yale X6-ED
Cylinder Guard:	237 963
Handle:	Schuco Lever Lever
Infill panel:	n/a
Run up blocks:	As Schuco manual
Drip bar:	n/a
With/without closer	Without

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Approved Door Type	ADS 65 HD Commercial Door Range Outward Opening Single Doors & Double Doors	
Screws & Fixings:	All as supplied	
Special	PUR Adhesive	
Size limitation	Width – up to a maximum of	Height – up to a maximum of
Sash Size	1152mm	2428mm
Standard(s) to which approved	PAS 24:2016 Class D. BS 6375 Parts 1,2,3.	
Weather-tightness rating (BS 6375-1)	Overall classification Doors 800U	
Reinforcement locations to follow system supplier rules, this is checked on the client's audits. Due regard should be given to the maximum recommended sizes, as published by the hardware manufacturers. Where the client has independently tested alternative reinforcement rules, these will be declared in the "special" box above. Door ratings of 800U should not be considered for residential properties unless used in sheltered locations. Any door using a TS008 compliant letterplate will be deemed to meet the requirements of PAS 24: 2016.		



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AWARDED CMS MARK	CMS 90237-6 Issue 1

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Conformity to BS 6375-3 (all products covered)

5.1	Resistance to snow and permanent load	N/A
5.2.1	Reaction to Fire	NPD
5.2.2	External Fire Performance	NPD
5.2.3	Resistance to Fire	NPD
5.3	Dangerous Substances	None
5.4	Ability to Release	NPD
5.5	Acoustic Performance	NPD
5.6	Thermal Transmittance	NPD
5.7	Radiation Properties	NPD
5.8	Durability	NPD
5.9	Bullet Resistance	NPD
5.10	Explosion Resistance	NPD
5.11	Behaviour between different climates	NPD
5.12	Behaviour under humidity variations in successive uniform climates	NPD
5.13	Burglar Resistance	See PAS 24 Scope
5.14	Power-operated Products	NPD
5.15	Closure against Obstructions	NPD

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AWARDED CMS MARK:	90237-2 Issue 1
ER CERTIFICATION CMS SCHEME:	Enhanced Security Performance of Windows and Doorsets PAS24: 2016
CUSTOMER SCOPE:	Doors
MATERIAL:	Aluminium
Windows must be glazed in accordance with System Suppliers recommendations and BS 6262 (Glazing for Buildings). Where PAS 24 certified windows are to be installed adjacent to a door or when fitted with non-key unlocking hardware, each glazed area must include 1 pane of laminate glass meeting the requirements of EN 356 Class P1A. Units must be packed in accordance with System Supplier Fabrication Manual.	
Doors must be glazed in accordance with System Suppliers recommendations and BS 6262 (Glazing for Buildings). Where PAS 24 certified doors are to be installed, each glazed area must include at least one pane of laminated glass meeting the requirements of EN 356:2000 Class P1A or higher. Units must be packed in accordance with System Supplier Fabrication Manual.	

DESCRIPTION	STYLE	Pages
Schüco (UK) Ltd	ADS 70 HD Single & Double Doors (Inward)	2 - 4
BS 6375-3 Declaration	All Products	5

Authorised by			
		Date	19 th August 2022
	John Warburton, Managing Director, ER Certification Ltd.		
			
		Date	19 th August 2022
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AWARDED CMS MARK	CMS 90237-2 Issue 1

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Approved Door Type		ADS 70 HD Commercial Door Range Inward Opening Single Doors & Double Doors With or Without Midrails Construction as per fabrication manual Internally glazed.		
		Profile	Size (mm)	
Frame:	Outer:	372 220	70 x 69	
		397 710	70 x 72	
		372 230	70 x 79	
	Threshold:	184 840	48 x 4.5	
		171 230	56 x 20	
		360 680 Thermal	110 x 15	
Sash:	Top Rail & Stiles:	395 530	70 x 98	
		395 540	70 x 98	
		395 510	70 x 98	
		395 520	70 x 98	
		395 560	70 x 125	
		395 550	70 x 125	
		Bottom Rail:	171 820	70 x 125
			360 850	70 x 125
			177 130	70 x 142
			360 860	70 x 142
			171 140	70 x 192
			360 870	70 x 192
		Meeting Stile:	395 590	70 x 98
			395 570	78 x 98
			395 580	70 x 98
			395 600	70 x 98
		Midrail:	372 260	70 x 94
			358 270	70 x 104
			358 280	70 x 124
			358 290	70 x 150
	358 300		70 x 170	
	358 310		70 x 200	
	358 320		70 x 250	
	Floating Mullion & Adaptor:	372 200 Adaptor 372 270 Adaptor		
	Interlock:	n/a		
	Composite Slab	n/a		
	Glazing Cassette	n/a		

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Approved Door Type	ADS 70 HD Commercial Door Range Outward Opening Single Doors & Double Doors
Bead:	184 020 184 030 184 040 184 050 184 060 184 070 184 080 184 090 184 100
Seals:	Glazing Gaskets EPDM (Ref. 224 378, 224 350, 224 539) Between glass and bead EPDM (Ref. 224 063) Between glass and rebate upstand. Weatherseals 224 683
Glazing clips:	203 102 clips
Hinge:	239 584
Hinge Guards:	239 636
Locking mechanism:	241 735 211 853 211 849
Keeps:	To suit
Slave Locking mechanism:	240 714 240 716
Shoot bolts:	227 812
Shoot bolt keeps:	To suit
Cylinder:	Any 3* TS007 cylinder
Cylinder Guard:	237 963
Handle:	Schuco Lever Lever
Infill panel:	n/a
Run up blocks:	As Schuco manual
Drip bar:	189 210
With/without closer	Without

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AWARDED CMS MARK	CMS 90237-2 Issue 1

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Approved Door Type	ADS 70 HD Commercial Door Range Inward Opening Single Doors & Double Doors	
Screws & Fixings:	All as supplied	
Special	PUR Adhesive	
Size limitation	Width – up to a maximum of	Height – up to a maximum of
Sash Size	1267mm	2669mm
Standard(s) to which approved	PAS 24:2016 Class D. BS 6375 Parts 1,2,3.	
Weather-tightness rating (BS 6375-1)	Overall classification Doors 800U	
<p>Reinforcement locations to follow system supplier rules, this is checked on the client's audits. Due regard should be given to the maximum recommended sizes, as published by the hardware manufacturers. Where the client has independently tested alternative reinforcement rules, these will be declared in the "special" box above.</p> <p>Door ratings of 800U should not be considered for residential properties unless used in sheltered locations.</p> <p>Any door using a TS008 compliant letterplate will be deemed to meet the requirements of PAS 24: 2016.</p>		



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Conformity to BS 6375-3 (all products covered)

5.1	Resistance to snow and permanent load	N/A
5.2.1	Reaction to Fire	NPD
5.2.2	External Fire Performance	NPD
5.2.3	Resistance to Fire	NPD
5.3	Dangerous Substances	None
5.4	Ability to Release	NPD
5.5	Acoustic Performance	NPD
5.6	Thermal Transmittance	NPD
5.7	Radiation Properties	NPD
5.8	Durability	NPD
5.9	Bullet Resistance	NPD
5.10	Explosion Resistance	NPD
5.11	Behaviour between different climates	NPD
5.12	Behaviour under humidity variations in successive uniform climates	NPD
5.13	Burglar Resistance	See PAS 24 Scope
5.14	Power-operated Products	NPD
5.15	Closure against Obstructions	NPD

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COMPANY NAME AND ADDRESS:	S&D Components Ltd Ta RAF Group 15 Lamson Road, Ferry Lane Ind Est, Rainham, Essex, RM13 9YY.
AWARDED CMS MARK:	90237-7 Issue 1
ER CERTIFICATION CMS SCHEME:	Enhanced Security Performance of Windows and Doorsets PAS24: 2016
CUSTOMER SCOPE:	Doors
MATERIAL:	Aluminium
<p>Windows must be glazed in accordance with System Suppliers recommendations and BS 6262 (Glazing for Buildings). Where PAS 24 certified windows are to be installed adjacent to a door or when fitted with non-key unlocking hardware, each glazed area must include 1 pane of laminate glass meeting the requirements of EN 356 Class P1A. Units must be packed in accordance with System Supplier Fabrication Manual.</p>	
<p>Doors must be glazed in accordance with System Suppliers recommendations and BS 6262 (Glazing for Buildings). Where PAS 24 certified doors are to be installed, each glazed area must include at least one pane of laminated glass meeting the requirements of EN 356:2000 Class P1A or higher. Units must be packed in accordance with System Supplier Fabrication Manual.</p>	

DESCRIPTION	STYLE	Pages
Schüco (UK) Ltd	ADS 65 HD Single & Double Doors Inward	2 - 4
BS 6375-3 Declaration	All Products	5

Authorised by			
		Date	19 th August 2022
	John Warburton, Managing Director, ER Certification Ltd.		
			
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Approved Door Type		ADS 65 HD Commercial Door Range Inward Opening Single Doors & Double Doors With or Without Midrails Construction as per fabrication manual Internally glazed.	
		Profile	Size (mm)
Frame:	Outer:	362 080	65 x 69
		362 090	65 x 79
		397 670	65 x 72
	Threshold:	362 060	65 x 94
		362 130	65 x 94
Sash:	Top Rail & Stiles:	395 330	65 x 98
		395 340	65 x 98
		395 350	65 x 98
		395 360	65 x 98
		395 370	65 x 125
		395 380	65 x 125
		Bottom Rail:	167 130
	167 140		65 x 192
	167 670		65 x 125
	319 210		65 x 125
	319 220		65 x 142
	319 230		65 x 192
	Meeting Stile:		395 390
		395 400	65 x 98
		395 410	65 x 98
		395 420	65 x 98
	Midrail:	362 120	65 x 94
		364 020	65 x 104
		364 030	65 x 124
		364 040	65 x 150
		364 050	65 x 200
		364 060	65 x 250
		364 480	65 x 170
		Floating Mullion & Adaptor:	362 060
362 130			
Interlock:		n/a	
Composite Slab		n/a	
Glazing Cassette		n/a	

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Approved Door Type	ADS 65 HD Commercial Door Range Inward Opening Single Doors & Double Doors
Bead:	184 020 184 030 184 040 184 050 184 060 184 070 184 080
Seals:	Glazing Gaskets EPDM (Ref. 224 378, 224 350, 224 539) Between glass and bead EPDM (Ref. 224 063) Between glass and rebate upstand.
Glazing clips:	203 102 fixing clip
Hinge:	239 584
Hinge Guards:	239 636
Locking mechanism:	211 849 211 853 241 735
Keeps:	To suit
Slave Locking mechanism:	239 472
Shoot bolts:	227 812
Shoot bolt keeps:	To suit
Cylinder:	Yale X6-ED
Cylinder Guard:	237 963
Handle:	Schuco Lever Lever
Infill panel:	n/a
Run up blocks:	As Schuco manual
Drip bar:	n/a
With/without closer	Without

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Approved Door Type	ADS 65 HD Commercial Door Range Inward Opening Single Doors & Double Doors	
Screws & Fixings:	All as supplied	
Special	PUR Adhesive	
Size limitation	Width – up to a maximum of	Height – up to a maximum of
Sash Size	1152mm	2428mm
Standard(s) to which approved	PAS 24:2016 Class D. BS 6375 Parts 1,2,3.	
Weather-tightness rating (BS 6375-1)	Overall classification Doors 800U	
Reinforcement locations to follow system supplier rules, this is checked on the client's audits. Due regard should be given to the maximum recommended sizes, as published by the hardware manufacturers. Where the client has independently tested alternative reinforcement rules, these will be declared in the "special" box above. Door ratings of 800U should not be considered for residential properties unless used in sheltered locations. Any door using a TS008 compliant letterplate will be deemed to meet the requirements of PAS 24: 2016.		



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COMPANY	S&D Components Ta RAF Group
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Conformity to BS 6375-3 (all products covered)

5.1	Resistance to snow and permanent load	N/A
5.2.1	Reaction to Fire	NPD
5.2.2	External Fire Performance	NPD
5.2.3	Resistance to Fire	NPD
5.3	Dangerous Substances	None
5.4	Ability to Release	NPD
5.5	Acoustic Performance	NPD
5.6	Thermal Transmittance	NPD
5.7	Radiation Properties	NPD
5.8	Durability	NPD
5.9	Bullet Resistance	NPD
5.10	Explosion Resistance	NPD
5.11	Behaviour between different climates	NPD
5.12	Behaviour under humidity variations in successive uniform climates	NPD
5.13	Burglar Resistance	See PAS 24 Scope
5.14	Power-operated Products	NPD
5.15	Closure against Obstructions	NPD

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SCOPE OF CERTIFICATION

PAS 24



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COMPANY NAME AND ADDRESS:	S&D Components Ltd Ta RAF Group 15 Lamson Road, Ferry Lane Ind Est, Rainham, Essex, RM13 9YY.
AWARDED CMS MARK:	90237-5 Issue 1
ER CERTIFICATION CMS SCHEME:	Enhanced Security Performance of Windows and Doorsets PAS24: 2016
CUSTOMER SCOPE:	Windows
MATERIAL:	Aluminium
Windows must be glazed in accordance with System Suppliers recommendations and BS 6262 (Glazing for Buildings). Where PAS 24 certified windows are to be installed adjacent to a door or when fitted with non-key unlocking hardware, each glazed area must include 1 pane of laminate glass meeting the requirements of EN 356 Class P1A. Units must be packed in accordance with System Supplier Fabrication Manual.	
Doors must be glazed in accordance with System Suppliers recommendations and BS 6262 (Glazing for Buildings). Where PAS 24 certified doors are to be installed, each glazed area must include at least one pane of laminated glass meeting the requirements of EN 356:2000 Class P1A or higher. Units must be packed in accordance with System Supplier Fabrication Manual.	

DESCRIPTION	STYLE	Pages
Schüco (UK) Ltd	AWS 70 Hi & SL.Hi Tilt & Turn Windows	2 & 3
BS 6375-3 Declaration	All Products	4

Authorised by			
		Date	19 th August 2022
	John Warburton, Managing Director, ER Certification Ltd.		
			
		Date	19 th August 2022
Peter Fradley, Certification & Compliance Manager, ER Certification Ltd.			

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ER CERTIFICATION LTD

COMPANY	S&D Components Ta RAF Group
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Approved Window Type		AWS 70 Hi & SL.Hi Tilt & Turn Windows Construction as per Schuco Manual Inward Opening, Externally Glazed				
		Profile		Size (mm)		
Outer:		358 130	358 230	51 x 70	200 x 70	
		358 140	358 240	51 x 70	76 x 70	
		358 150	358 250	59 x 70	84 x 70	
		358 160	358 330	66 x 70	81 x 70	
		358 170	358 340	69 x 70	84 x 70	
		358 180	358 350	76 x 70	99 x 70	
		358 190	358 360	79 x 70	94 x 70	
		358 200	358 370	99 x 70	99 x 70	
		358 210	358 380	125 x 70	66 x 70	
		358 220	368 860	150 x 70	69 x70	
	Frame:	Transom / Mullion:	358 240	358 760	76 x 70	84 x 120
			358 250	358 770	84 x 70	84 x 145
			358 260	358 780	94 x 70	94 x 95
			358 270	358 790	104 x 70	94 x 120
358 280			358 800	124 x 70	94 x 145	
358 290			358 820	150 x 70	104 x 145	
358 300			358 830	170 x 70	104 x 165	
358 310			367 200	200 x 70	104 x 145	
358 320			367 210	250 x 70	104 x 165	
358 720			374 720	104 x 120	124 x 140	
	358 750	374 750	150 x 140	150 x 150		
Sash:	Head:	358 610		78 x 80		
		358 620		78 x 80		
		358 640		78 x 80		
		358 650		78 x 80		
		358 660		88 x 80		
		358 670		98 x 80		
		382 940		98 x 80		
	382 950		98 x 80			
	Interlock:	n/a		n/a		
Bead:	184 series 010, 020, 030, 040, 050, 060, 070, 080, 090					
Seals:	Schuco EPDM – 284 351 and 284 834, 284 835, 284 836 , 284 038, 284 039, 284 040					
Glazing clips:	203 102 fixing clip					

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COMPANY	S&D Components Ta RAF Group
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Approved Window Type	AWS 70 Hi & SL.Hi Tilt & Turn Windows	
Hinge:	Tilt Turn Gearing	
Hinge Guard:	n/a	
Locking mechanism:	AvanTec Simply Smart	
Handle:	247 033 or 247 656 Key Locking	
Run up blocks:	n/a	
Compression Wedge:	n/a	
Screws & Fixings:	As supplied	
Special:	n/a	
Size limitation	Width – up to a maximum of	Height – up to a maximum of
 Sash Size	1700mm	2100mm
Standard(s) to which approved	PAS 24:2016 Class W. BS 6375 Parts 1,2,3.	
Weather-tightness rating (BS 6375-1)	Overall classification Windows 2000	
<p>Reinforcement locations to follow system supplier rules, this is checked on the client's audits. Due regard should be given to the maximum recommended sizes, as published by the hardware manufacturers. Where the client has independently tested alternative reinforcement rules, these will be declared in the "special" box above.</p> <p>Multi-lights: all mullions and transoms over the length of those detailed in this document should be checked for lxx value stability to loadings provided by the specifier, or to BS EN 1991-1-4:2005+A1:2010. The above schedule is based on nominal test results and assumes that adequate care regarding the location and exposure of the window is taken by the fabricator.</p>		

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Conformity to BS 6375-3 (all products covered)

5.1	Resistance to snow and permanent load	N/A
5.2.1	Reaction to Fire	NPD
5.2.2	External Fire Performance	NPD
5.2.3	Resistance to Fire	NPD
5.3	Dangerous Substances	None
5.4	Ability to Release	NPD
5.5	Acoustic Performance	NPD
5.6	Thermal Transmittance	NPD
5.7	Radiation Properties	NPD
5.8	Durability	NPD
5.9	Bullet Resistance	NPD
5.10	Explosion Resistance	NPD
5.11	Behaviour between different climates	NPD
5.12	Behaviour under humidity variations in successive uniform climates	NPD
5.13	Burglar Resistance	See PAS 24 Scope
5.14	Power-operated Products	NPD
5.15	Closure against Obstructions	NPD

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COMPANY NAME AND ADDRESS:	S&D Components Ltd Ta RAF Group 15 Lamson Road, Ferry Lane Ind Est, Rainham, Essex, RM13 9YY.
AWARDED CMS MARK:	90237-3 Issue 1
ER CERTIFICATION CMS SCHEME:	Enhanced Security Performance of Windows and Doorsets PAS24: 2016
CUSTOMER SCOPE:	Windows
MATERIAL:	Aluminium
Windows must be glazed in accordance with System Suppliers recommendations and BS 6262 (Glazing for Buildings). Where PAS 24 certified windows are to be installed adjacent to a door or when fitted with non-key unlocking hardware, each glazed area must include 1 pane of laminate glass meeting the requirements of EN 356 Class P1A. Units must be packed in accordance with System Supplier Fabrication Manual.	
Doors must be glazed in accordance with System Suppliers recommendations and BS 6262 (Glazing for Buildings). Where PAS 24 certified doors are to be installed, each glazed area must include at least one pane of laminated glass meeting the requirements of EN 356:2000 Class P1A or higher. Units must be packed in accordance with System Supplier Fabrication Manual.	

DESCRIPTION	STYLE	Pages
Schüco (UK) Ltd	AWS 70 Externally Glazed Casement	2 & 3
BS 6375-3 Declaration	All Products	4

Authorised by			
	John Warburton, Managing Director, ER Certification Ltd.		
			
	Peter Fradley, Certification & Compliance Manager, ER Certification Ltd.		

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COMPANY	S&D Components Ta RAF Group
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Approved Window Type		AWS 70 SC Casement Window Construction as Schuco Manual Externally Glazed	
		Profile	Size (mm)
Frame:	Outer:	475 010	38 x 70
		475 020	44.5 x 70
		475 030	54.5 x 70
		475 090	46.5 x 70
	Transom / Mullion:	475 040	60 x 68
		475 050	65 x 68
		475 060	75 x 68
	475 070	75 x 68	
Sash:	Vent:	475 170	70 x 68
	Interlock:	n/a	n/a
Bead:		469 580 469 560	
Seals:		Security Gasket 278 038 between bead and glass Glazing Gasket 224 265, 224 066, 224 264, 224 065, 224 263 Between glass and rebate.	
Glazing clips:		268 426 screw fixed	
Hinge:		276 481 to 276 488	
Hinge Guard:		276 500	
Locking mechanism:		276 476 to 276 498	
Handle:		276 507 to 276 510	
Run up blocks:		276 501 Engagement Block	
Compression Wedge:		2 sets per sash	
Screws & Fixings:		As supplied	
Special:		475 080 Reverse Rebate	

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Approved Window Type	AWS 70 SC Casement Window	
Size limitation	Width – up to a maximum of	Height – up to a maximum of
Side hung sash Top hung sash	700mm 1400mm	1400mm 1200mm
Standard(s) to which approved	PAS 24:2016 Class W. BS 6375 Parts 1,2,3.	
Weather-tightness rating (BS 6375-1)	Overall classification Multilight 2000	

Reinforcement locations to follow system supplier rules, this is checked on the client's audits. Due regard should be given to the maximum recommended sizes, as published by the hardware manufacturers. Where the client has independently tested alternative reinforcement rules, these will be declared in the "special" box above.

Multi-lights: all mullions and transoms over the length of those detailed in this document should be checked for lxx value stability to loadings provided by the specifier, or to BS EN 1991-1-4:2005+A1:2010. The above schedule is based on nominal test results and assumes that adequate care regarding the location and exposure of the window is taken by the fabricator.



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Conformity to BS 6375-3 (all products covered)

5.1	Resistance to snow and permanent load	N/A
5.2.1	Reaction to Fire	NPD
5.2.2	External Fire Performance	NPD
5.2.3	Resistance to Fire	NPD
5.3	Dangerous Substances	None
5.4	Ability to Release	NPD
5.5	Acoustic Performance	NPD
5.6	Thermal Transmittance	NPD
5.7	Radiation Properties	NPD
5.8	Durability	NPD
5.9	Bullet Resistance	NPD
5.10	Explosion Resistance	NPD
5.11	Behaviour between different climates	NPD
5.12	Behaviour under humidity variations in successive uniform climates	NPD
5.13	Burglar Resistance	See PAS 24 Scope
5.14	Power-operated Products	NPD
5.15	Closure against Obstructions	NPD

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