




SCOPE OF CERTIFICATION
Timber Window Scheme to BS644 & PAS24:2016

Manufacturer of Enhanced Security Windows in accordance with the Exova BM TRADA Q-Mark Scheme requirements.
 (Check with Secured by Design to ensure compliance with any additional requirements).

Selectron Elektrokimya Sanayi ve Ticaret Ltd Sti Dereboyu Cd Sengul Sk No: 6 34303 Halkali Istanbul	 <p>This scope of certification supports WGPS Certificate 026/184 ESW Certificate 031/190</p> <p>The validity of this scope document should be checked against the current schedule of the Company's certification listed on the Exova BM TRADA website www.exovabmtrada.com.</p>
Completed: E. Watkin 	Checked: T. Johnson 

Issue: 3	Date: 06 October 2017	Details: Report references removed from scope.
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<u>Product Name:</u> <p align="center">Arbor Fenex 78 Window Range – Outward Opening, Timber Casement & FRW Window Outward Opening, Alu Clad Composite Timber Casement & FRW Window</p>	This document remains the intellectual property of Exova BM TRADA. It shall not be made available to another person or company without the prior written permission of Exova BM TRADA.
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Window Classification 'W'	Test evidence is held on file by Exova BM TRADA
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Weather rating

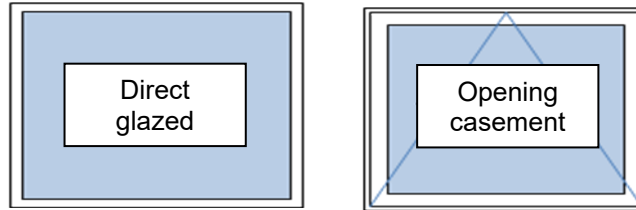
BS6375 part 1 Exposure category 2000 (on largest specimen)

Maximum casement size

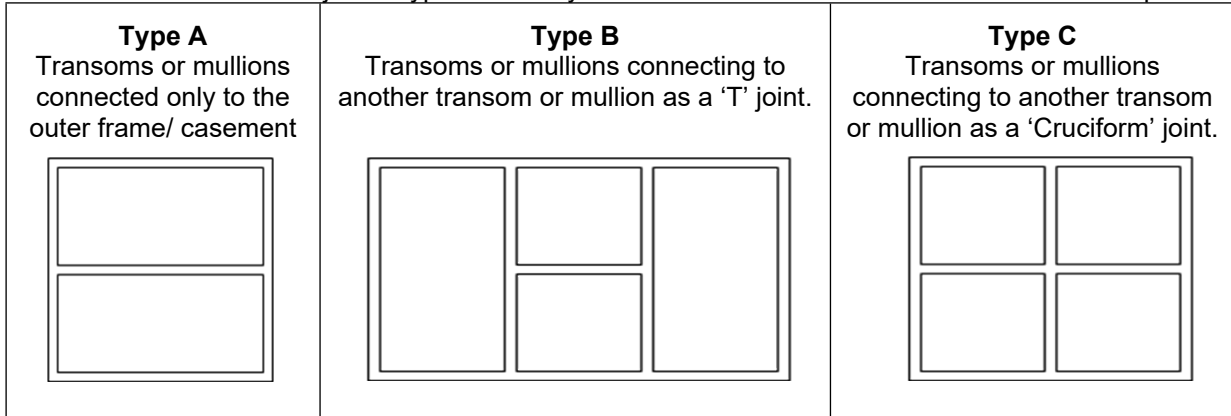
Top Hung Fully reversible (not including frame)	1588mm wide x 1504mm high
Side Hung Fully reversible (not including frame)	804mm wide x 1588mm high
Side Hung (not including frame)	804mm wide x 1588mm high

Design options

Designs shown below are diagrammatical only. Refer to minimum / maximum sizes below for clarification.



Transom and mullion joints Type A are only allowed within window outer frames for this scope.



Perimeter sealing details

	Make/type	Size (mm)	Location
Casement edges	None present	-	-
Frame reveal	Uniform EPDM (Ref. DE 34)	8 wide	On rebate upstand
Seal continuity	Uninterrupted by hardware	-	-

Casement / sash

	Material/type	Dimensions (mm)	Nom. Density (Kg/m ³)
Stiles and rails	Pine	78 x 64	450
Cladding Option	Cladding (Ref: 337.90- Tuna Aluminium) Clip fitted onto face of timber	61.9 x 9.6	-
Rebate	Single Type	18 x 14	-
Drip bar	Not required	-	-
Joints	Finger jointed / Conduit	-	-
Adhesive	D4	-	-

Window frame

		Material/type	Dimensions (mm)	Nom. Density (Kg/m ³)
Stiles and rails		Pine	92 x 57	450
Cladding Option		Cladding (Ref: 337.89 – Tuna Aluminium) Clip fitted onto face of timber	61.9 x 9.6	-
Rebate		Single type	74 x 18	-
Transom		Pine	95 x 75	450
Cladding Option		Cladding (Ref: 337.90- Tuna Aluminium) Clip fitted onto face of timber	61.9 x 9.6	-
Mullion		Pine	100 x 92	-
Cladding Option		Cladding (Ref: 337.90- Tuna Aluminium) Clip fitted onto face of timber	61.9 x 9.6	-
Drip bar		Not required	-	-
Joints	Siles & Rails	Finger jointed / Conduit	-	-
	Transom/ Mullion	Butt jointed fixed with 1No. 5 x 80 screw for mullion / rails		
Adhesive		D4	-	-

Hardware – Top FRW

	Make/type	Size (mm)	Fixing details (dimensions in mm)
Hinges	2No. Spilka A6 hinges (Ref. 100361-62)	635 length	2No. 12 x 9 screws into frame 5No. 4 x 30 screws into casement
Hinge protection	2No. Cotswold Stay Guard (Ref. 35)	69 x 16	3No. 3.5 x 35 into frame 3No. 3.5 x 35 into casement
Locking mechanism	Spilka lock box (Ref. 16702) with Espagnolette rods (Ref. 305121)	1588	8No. 4 x 30 screws
Keeps	2No. Spilka end keeps (Ref. 16840-41)	45 x 22	1No. 4.5 x 30 screw
Handles	Securistyle Virage (Ref. EBC40SCL)	130 lever length	2No. 5 x 55 screws

Hardware – Side FRW

	Make/type	Size (mm)	Fixing details (dimensions in mm)
Hinges	2No. Spilka M8 hinge (Ref. 13381)	360 arm length	5No. 5 x 30 screws in frame 5No. 5 x 30 screws in casement
Hinge protection	2No. Cotswold Stay Guard (Ref. 35)	69 x 16	3No. 3.5 x 35 into frame 3No. 3.5 x 35 into casement
Locking mechanism	ASSA Espagnolette (Ref. Spa 976 MK)	1590 x 16	7No. 4 x 35 screws
Keeps	3No. ASSA bolt receivers (Ref. 4710)	45 x 22	1No. 4.5 x 30 screw
Handles	Securistyle Virage (Ref. EBC40SCL)	130 lever length	2No. 5 x 55 screws

Hardware – Side Hung

	Make/type	Size (mm)	Fixing details (dimensions in mm)
Hinges	4No. ASSA (Ref. 3211-1)	360 arm length	4No. 5 x 30 screws in frame 4No. 5 x 30 screws in casement
Hinge protection	2No. Cotswold Stay Guard (Ref. 35)	69 x 16	3No. 3.5 x 35 into frame 3No. 3.5 x 35 into casement
Locking mechanism	ASSA espagnolette (Ref. Spa 976 MK)	1590 x 16	7No. 4 x 35 screws
Keeps	3No. ASSA bolt receivers (Ref. 4710)	45 x 22	1No. 4.5 x 30 screw
Handles	Securistyle Virage (Ref. EBC40SCL)	130 lever length	2No. 5 x 55 screws

Letter plate	Not Assessed	-	-
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Glazing

		Make/type/size (mm)	Location (dimensions in mm)
Glass type & configuration		24 thick insulating glass unit (double glazed) or 28 thick insulating glass unit (double glazed)	
		All insulating glass units used within a Q-Mark certified window must: <ul style="list-style-type: none"> • Be certified by an accredited Certification Body to BS EN 1279 part 2 and part 6 • When adjacent to doorsets or using non-key unlocking hardware, have at least 1 pane of laminated glass classified to BS EN 356 class P1A or higher 	
Overall size	Top FRW	1488 wide x 1400 high	-
	Side FRW	704 wide x 1484 high	-
	Side Hung	704 wide x 1484 high	-
	Fixed	1594 wide x 817 high	-
Sight size	Top FRW	1464 wide x 1372 high	-
	Side FRW	672 wide x 1456 high	-
	Side Hung	672 wide x 1456 high	-
	Fixed	1566 wide x 787 high	-
Glazing bead		Pine 18 x 20	Externally beaded
Bead fixings		30 x 1.8 pins and silicone	-
Sealants		Silicone	Between rebate upstand and glass
		Silicone	Between beads and glass