

SCOPE OF CERTIFICATION

Timber Window Scheme to BS644 & PAS24:2016

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

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This scope of certification supports
WGPS Certificate 026/184
ESW Certificate 031/190

The validity of this scope document should be checked against the current schedule of the Company's certification listed on the BM TRADA website www.bmtrada.com.

Completed: **E. Watkin**

Checked: **P. Andrews**

Issue: **2** Date: **19 August 2019**

Details: Updated scope following review of 2019 test samples with the test reports being incorrect for the tech specification for the keeps.

Product Name:

**Arbor Fenex 68f Window Range –
Inward Opening, Alu Clad Timber Tilt & Turn
Window**

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Window Classification 'W'

Test evidence is held on file by BM TRADA

Weather rating

BS6375 part 1 Exposure category **1600** (on largest specimen)

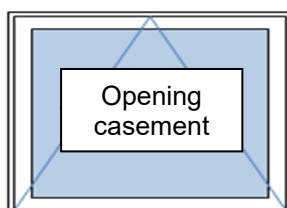
Maximum casement size

Tilt Turn (not including frame)

1012mm wide x 1512mm high

Design options

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



Transom and mullion joints Type A, B & C are **NOT** only allowed within window outer frames for this scope.

Type A

Transoms or mullions connected only to the outer frame/ casement



Type B

Transoms or mullions connecting to another transom or mullion as a 'T' joint.



Type C

Transoms or mullions connecting to another transom or mullion as a 'Cruciform' joint.



Casement / sash

	Material/type	Dimensions (mm)	Nom. Density (Kg/m ³)
Stiles and rails	Pine	78 x 64	450
Cladding Option	Cladding (Ref: LA 776 – Uniform Aluminium) Cladding (Ref: LA 860 – Uniform Aluminium) Clip fitted onto face of timber	12 x 88 15 x 38	-
Rebate	Single Type	18	-
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	68 x 70	450
Cladding Option	Cladding (Ref: LA 776 – Uniform Aluminium) Clip fitted onto face of timber	12 x 88	-
Rebate	Single type	18	-
Drip bar	Not required	-	-
Joints	Finger jointed / Conduit	-	-
Adhesive	D4	-	-

Perimeter sealing details

	Make/type	Size (mm)	Location
Casement edges	None present	-	-
Frame reveal	Schlegel (Ref. QL3053 & QL3054)	8 wide	On rebate upstand into seal groove
Seal continuity	Uninterrupted by hardware	-	-

Glazing

	Make/type/size (mm)	Location (dimensions in mm)
Glass type & configuration	52 thick insulating glass unit (triple glazed) All insulating glass units used within a Q-Mark certified window must: - IGU's to have accredited certification to EN 1279 parts 2 & 6 or accredited certification to ISO 9001 with accredited EN 1279-2 ITT & audit testing (MPI + fogging) or CE Marked to AVCP 1 with accredited EN 1279-2 ITT & audit testing (MPI + fogging). - 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	880 wide x 1380 high	-
Glazing bead	Uniform Aluminium (Ref: LA 860) 15 x 38	Externally beaded
Bead fixings	Screw fixed using 3.5 x 25mm screws @ 200mm centres	
Security Clips	Uniform Aluminium (Ref: LC 62) Fixed 80mm from corners and 200mm centres	
Glazing Tape	3mm Thick EPDM (Ref: DE34) – External	Between bead and glass IGU
	3mm Thick EPDM (Ref: DE34) – Internal	Between rebate upstand and glass

Hardware

	Make/type	Size (mm)	Fixing details (dimensions in mm)
Tilt Turn Locking System	MACO Pivot Post Ref: 52703 R/H or 52704 L/H Centre Lock Ref: 52755 Drive Gear Ref: 55443 Scissor Stay Hinge Ref: 202543 Scissor Stay Support Ref: 202534 Scissor Stay Ref: 52446 Corner Element Ref: 52936 Corner Support Ref: 57116 R/H or 57117 L/H	16 Wide	3.5 x 35 screws into frame 3.5 x 35 screws into casement
Keeps	7No. MACO Keeps (Ref. 96561) & 1No. MACO Keep (weather) (Ref. 34981) & 1No. MACO Tilt Strike Plate (Ref. 363300) Please note 7No. keeps used on maximum size of product noted with scope	68 x 20 48 x 19 110 x 19	3No. 3.5 x 35 screws into frame 1No. 3.5 x 35 screws into frame 2No. 3.5 x 35 screws into frame
Handles	MACO (Ref. Rhapsody)	120 lever length	2No. M5 x 40 screws (Supplied with component)
Letter plate	Not Assessed	-	-