

SCOPE OF CERTIFICATION

Enhanced Security Doorset to PAS24:2016

Manufacturer of Enhanced Security Doorsets in accordance with Exova 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

Certificate Number 050/215

Completed: **E. Watkin**

Checked: **T. Johnson**

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.

Issue: **3** Date: **06 October 2017**

Details: Updated to allow Maco locking system, Assa Abloy 3248 hinge and Triple glazing option with bead system changed as per recent ITT.

Product Name:

**Arbor Fenex 78 Balcony Door Range –
Outward Opening, Single leaf, Timber Doorset
Outward Opening, Single leaf, Alu Clad
Composite Timber Doorset**

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Doorset Classification 'D'

Test evidence is held on file by Exova BM TRADA

All Q-Mark certified doorsets must have evidence to demonstrate that the profiles, components and manufacturing procedures used meet the requirements of the appropriate material specific standards: BS 644 (timber); BS 4873 (aluminium); BS 6510 (steel); BS 7412 (PVC-U); BS 8529 (composite).

Weather rating

BS6375 part 1 Exposure category **1200** (on largest specimen)

Maximum door leaf size

Open out (not including frame)

1200mm wide x 2385mm high

Door leaf

		Material/type	Dimensions (mm)	Nom. Density (Kg/m³)
Stiles		Pine	Using ASSA Lock Option	450
			Using MACO Lock Option	
Cladding Option		Cladding (Ref: 337.90- Tuna Aluminium) Clip fitted onto face of timber	61.9 x 9.5	-
Rails	Top	Pine	Using ASSA Lock Option	450
			Using MACO Lock Option	
	Bottom	Pine	78 x 120	450
Cladding Option		Cladding (Ref: 337.90 & 337.101- Tuna Aluminium) Clip fitted onto face of timber	61.9 x 9.5 123.9 x 9.5	-
Rebate		Single Type	18 x 14	-
Joints		Finger jointed / Conduit	-	-
Rain Deflector		Not required	-	-
Adhesive		D4	-	-

Door frame

	Material/type	Dimensions (mm)	Nom. Density (Kg/m ³)
Head and jambs	Pine	92 x 57	450
Cladding Option	Cladding (Ref: 337.89 – Tuna Aluminium) Clip fitted onto face of timber	35.4 x 9.6	-
Rebate	Single type	74 x 18	-
Threshold	Stormguard Proline Subsill (Ref. AM5EX) aluminium	125 x 20	-
Joints	Finger jointed / Conduit	-	-
Adhesive	D4	-	-

Hardware

		Make/type	Size (mm)	Fixing details (dimensions in mm)
Hinges	Option 1	5No. ASSA (Ref. 3211-1)	38 x 95 blade size	4No. 4 x 35 screws into frame 4No. 4 x 35 screws into casement
	Option 2	4No. ASSA (Ref. 3248)	50 x 110 blade size	
Hinge protection – used on either hinge options		2No. Cotswold Stay Guard (Ref. 35)	69 x 16	3No. 3.5 x 25 screws into frame 3No. 3.5 x 25 screws into casement
Locks	ASSA – Option	ASSA Espagnolette (Ref. S4191)	16 wide	15No. 3.5 x 35 screws
	Maco – Option	MACO Lock (Ref: 238352)	16 wide	15No. 3.5 x 35 screws
Keeps	ASSA Lock – Option	4No. ASSA bolt receivers (Ref. 4710)	124 x 30	2No. 4 x 30 screws
	MACO Lock – Option	3No. MACO (Ref: 29980) Top & Bottom keeps	120 x 20	2No. 4 x 30 screws
		1No. MACO (Ref: 29787) – Centre keep	208 x 20	2No. 4 x 30 screws
Cylinder Lock / Cylinder Protection / Handle		<u>Tested configuration – Used in conjunction with ASSA lock only</u> Handle: ASSA security handle set (Ref. 7314 HV3C) Cylinder: Cylinder free locking system Cylinder protection: Not Required		
		<u>Tested configuration – Used in conjunction with MACO lock only</u> Handle: Yale (Ref: Y2G-SSLL-PC) Cylinder: Gretscht Unitas Ltd BKS 3* Rated Cylinder KM649845 Cylinder protection: Not Required		
		Or an alternative cylinder and handle combination can be used that meets the requirements of PAS 24:2016 as stated below: • Cylinder certified to BS EN 1303:2015 including Cylinder Vulnerability Assessment • Cylinder certified to TS 007:2014 – 3 star level • Cylinder certified to Sold Secure - Diamond level • Cylinder certified to PAS 24:2016 Annex A If cylinder used is 1 or 2 star level to TS 007:2014, additional protection is required from the handle and/or additional cylinder protection to achieve a total minimum 3 star level: Combination of handle, cylinder & cylinder protection (if applicable) to have a minimum combined total of 3 star rating to TS 007:2014 (e.g. 1 star cylinder + 2 star handle <u>or</u> 1 star cylinder + 2 star cylinder protection)		
Letter plate		Not Assessed		

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	-	-

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) or 44 thick insulating glass unit (triple glazed)	
	<i>All insulating glass units used within a Q-Mark certified door must:</i> • <i>Be certified by an accredited certification body to BS EN 1279 part 2 and part 6</i> • <i>Have at least 1 pane of glass laminated to BS EN 356 class P1A or higher.</i>	
Overall size	1100 wide x 2225 high	-
Sight size	1068 wide x 2197 high	-
Glazing bead	Exitex Securbead 15 x 20mm	Internally beaded
Bead fixings	Exitex Securbead System Plastic Clips 50mm from corners and 200mm centres fixed with 2No 4 x 30screws per clip & Exitex Securbead Setting Blocks	-
Sealants	Silicone	Between rebate upstand and glass
	Silicone	Between beads and glass