

## **SCOPE OF CERTIFICATION**

### **Enhanced Security Doorset to PAS24:2016**

Manufacturer of Enhanced Security Doorsets in accordance with 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**

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](http://www.bmtrada.com).

Completed: **C. Blount**

Checked: **D. Kitchin**

Issue: **2**

Date: **05 July 2022**

Details: Removal of GU BKS 3 Star Cylinder option

Product Name:

**Arbor Fenex 68f Balcony Door Range –**

**Inward Opening, Single leaf, Alu Clad Composite  
Timber Doorset**

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**Doorset Classification 'D'**

Test evidence is held on file by 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 in (not including frame)

1012mm wide x 2347mm high

#### **Door leaf**

|                 |        | Material/type                                                                        | Dimensions (mm) | Nom. Density (Kg/m <sup>3</sup> ) |
|-----------------|--------|--------------------------------------------------------------------------------------|-----------------|-----------------------------------|
| Stiles          |        | Pine                                                                                 | 81 x 110        | 450                               |
| Cladding Option |        | Cladding (Tuna Aluminium Ref: 337.113)<br>Clip fitted onto face of timber            | 71 x 15         | -                                 |
| Rails           | Top    | Pine                                                                                 | 81 x 110        | 450                               |
|                 | Bottom | Pine                                                                                 | 81 x 142        | 450                               |
| Cladding Option |        | Cladding (Tuna Aluminium Ref: 337.113)<br>Clip fitted onto face of timber            | 71 x 15         | -                                 |
| Rebate          |        | Single Type                                                                          | 27 x 20         | -                                 |
| Joints          |        | Finger jointed / Conduit                                                             | -               | -                                 |
| Rain Deflector  |        | Tuna Aluminium (Ref: 837)<br>Screw fixed to bottom rail using 4No. 3.5 x 15mm screws | -               | -                                 |
| Adhesive        |        | D4                                                                                   | -               | -                                 |

## Door frame

|                 | Material/type                                                                            | Dimensions (mm) | Nom. Density (Kg/m <sup>3</sup> ) |
|-----------------|------------------------------------------------------------------------------------------|-----------------|-----------------------------------|
| Head and jambs  | Pine                                                                                     | 68 x 70         | 450                               |
| Cladding Option | Cladding (Tuna Aluminium Ref: 337.358)<br>Clip fitted onto face of timber                | 89 x 12         | -                                 |
| Rebate          | Single type                                                                              | 27 x 20         | -                                 |
| Threshold       | Tuna Aluminium (Ref: 336 – 106 & 107)<br>Screw fixed to jambs using 3No. 5 x 60mm screws | 96 x 22         | -                                 |
| Joints          | Finger jointed / Conduit                                                                 | -               | -                                 |
| Adhesive        | D4                                                                                       | -               | -                                 |

## Perimeter sealing details

|                 | Make / type                                              | Size (mm)        | Location          |
|-----------------|----------------------------------------------------------|------------------|-------------------|
| Door edges      | Uniform EPDM (Ref. DE 126)                               | 23 x 18          | On rebate upstand |
| Frame reveal    | Schlegel (Ref: Q-Lon 3053)<br>Schlegel (Ref: Q-Lon 3054) | 18 x 6<br>15 x 6 | Seal Groove       |
| Seal continuity | Uninterrupted by hardware                                | -                | -                 |

## Hardware

| Hardware                                     |               | Make / type / positions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Size (mm)                                              | Fixing details (dimensions in mm)                               |
|----------------------------------------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|-----------------------------------------------------------------|
| Hinges                                       |               | 3No. Simonswerk<br>(Ref: BAKA 3D 40303D)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 110 x 39<br>(Blade Size)                               | 5No. 5 x 35 pins into frame<br>5No. 5 x 40 screws into leaf     |
| Hinge security protection                    |               | 2No. Maco<br>(Ref: 97528 & 94089)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 58 x 42 x 21<br>(Dog Bolt)<br>58 x 32 x 24<br>(Keeper) | 2No 4 x 30 screws into leaf<br><br>2No 4 x 30 screws into frame |
| Locking mechanism                            |               | Maco Lock (Ref: 238352)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 16 wide                                                | 15No. 3.5 x 35 screws into leaf                                 |
| Keeps                                        | Upper & lower | Maco (Ref: 29980)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 120 x 20                                               | 2No. 4 x 40 screws into frame                                   |
|                                              | Centre        | Maco (Ref: 29787)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 208 x 20                                               | 3No. 4 x 40 screws into frame                                   |
| Cylinder Lock / Cylinder Protection / Handle |               | <u>Tested configuration</u><br>Handle: Securistyle/Yale (Ref: Y2G-SSLL-PC)<br>Cylinder: Titon 3* Cylinder (KM631878)<br>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: <ul style="list-style-type: none"><li>• Cylinder certified to BS EN 1303:2015 including Cylinder Vulnerability Assessment</li><li>• Cylinder certified to TS 007:2014 – 3 star level</li><li>• Cylinder certified to Sold Secure – Gold or Diamond level</li><li>• Cylinder certified to PAS 24:2016 Annex A</li></ul> If cylinder used is 1 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: <ul style="list-style-type: none"><li>• Combination of handle, cylinder &amp; 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)</li></ul> |                                                        |                                                                 |
| Letter plate                                 |               | Not Assessed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                        |                                                                 |

## Glazing

|                      | Make / type / size (mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Location (dimensions in mm) |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| Glass configuration  | 52 thick insulating glass unit (triple glazed)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                             |
|                      | All insulating glass units used within a Q-Mark certified door must: <ul style="list-style-type: none"> <li>IGU's to have accredited certification to EN 1279 parts 2 &amp; 6 <b>or</b> accredited certification to ISO 9001 with accredited EN 1279-2 ITT &amp; audit testing (MPI + fogging) <b>or</b> CE Marked to AVCP 1 with accredited EN 1279-2 ITT &amp; audit testing (MPI + fogging). N/A to Fire Doors which must be CE Marked to AVCP 1</li> <li>Have at least 1 pane of glass laminated to BS EN 356 class P1A or higher.</li> </ul> |                             |
| Max unit size        | 820 x 2123                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                             |
| Packers              | 52 x 100 timber packers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |
| Glazing bead         | Cladding forms the beading system (Tuna Aluminium Ref: 337.113)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Externally Fitted           |
| Bead fixings         | Cladding clip fitted onto face of timber leaf                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                             |
| Gaskets/<br>sealants | Uniform EPDM (Ref. DE 34)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | External Glazing Tape       |
|                      | Uniform EPDM (Ref. DE 133)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Internal Glazing Tape       |