




**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)

<b>Premdor Crosby Ltd</b> Birthwaite Business Park Huddersfield Road Darton Barnsley S75 5JS		 This scope of certification supports <b>Certificate Number 050/002</b> 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 <a href="http://www.exovabmtrada.com">www.exovabmtrada.com</a> .
Completed: <b>P. Wren</b> 	Checked: <b>P. Andrews</b> 	
Issue: <b>11</b>	Date: <b>02 November 2017</b>	Details: <b>Transition to PAS 24: 2016 &amp; Addition of Winkhaus Trulock option</b>
Product Name: <p align="center"> <b>Sound Secure Range –                      Inward Opening, Single Leaf,                      Timber O/F Doorset                      Inward Opening, Single Leaf,                      Eco Frame O/F Doorset</b> </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.
<b>Doorset Classification 'D'</b>		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 **800U** (on largest specimen)

**Maximum door leaf size**

Option 1 (Moulded Face)	Open in (not including frame)	926mm wide x 2040mm high x 44mm thick
Option 2 (Flush Face)	Open in (not including frame)	926mm wide x 2040mm high x 44mm thick
Option 3 (Flush Face)	Open in (not including frame)	926mm wide x 2040mm high x 54mm thick
Option 4 (Moulded Face)	Open in (not including frame)	926mm wide x 2040mm high x 54mm thick

### Door leaf – Halspan & Strebord Core

		Material/ type	Dimensions (mm)	Nom. Density (Kg/m <sup>3</sup> )
Core		Halspan three layer partial board	44mm or 54mm	650
		Strebord	44mm o 54mm	580 533
Facings (Moulded face only)		Masonite moulded hardboard	3	720
Adhesive	Lippings	Holt melt PUR	-	-
	Facing	2 part Urea Formaldehyde	-	-
Lippings		Hardwood – Either on Vertical Edges only or all four sides	8mm Minimum 19mm Maximum	510
Finish (Moulded face only)		White primed (Smooth or Grained)	-	-
Rain deflector		N/A	-	-
<b>Optional -</b> Intumescent/smoke seals		Drop down seal	13.84 x 34.90	-

### Door frame – Halspan & Strebord Core - Timber Option

		Material/ type	Dimensions (mm)	Nom. Density (Kg/m <sup>3</sup> )
Head/ Jamb		Engineered/Laminated and finger jointed Redwood	78 x 56	420
		Hardwood Meranti / Sapele		550 (Min)
Joints		Butt joint	Fixed with 1No. 5 x 90 & 1No. 5 x 70 woodscrews to each corner	-
Adhesive		D4 PVA	-	-
Rebate		Single type	18	
Threshold		Drop Seal Threshold	932 x 40 x 5	-
Removable sill		Hardwood Meranti / Softwood	78 x 15	550
Intumescent/smoke seals		Generic Intumescent Seals	25 x 4 (All Round)	-

### Door frame – Halspan & Strebord Core - Eco Frame Option

	Material/ type	Dimensions (mm)	Nom. Density (Kg/m <sup>3</sup> )
Head/ Jamb	Winkhaus – Eco Frame	70 x 60	-
Joints	Mechanically jointed	Fixed with 2No. 5 x 100 screws	-
Adhesive	None used	-	-
Rebate	Single type	20	
Threshold	Drop Seal Threshold	932 x 40 x 5	-
Removable sill	Hardwood Meranti / Softwood	78 x 15	550
Transom/ Mullion	N/A	-	-
Intumescent/smoke seals	Generic Intumescent Seals	15 x 4 (Head & jambs) 10 x 3 (head & jambs)	-

### Perimeter sealing details –Halspan & Strebord Core

	Make/ type	Size (mm)	Location
Door Edges	N/A	-	-
Frame reveal	Timber Frame Option Norsound - 710	22	Frame rebate upstand
	Eco Frame Option Aquamac 21	9	Frame rebate upstand
Seal continuity	Seals uninterrupted by hardware	-	-

### Glazing – All Core Options

	Make/ type/ size (mm)	Location (dimensions in mm)
Glass type & configuration	No glazing used within door system	-
Maximum unit size	-	-
Maximum sight size	-	-

## Hardware - Halspan & Strebord Core

		Make/ type/ positions	Size (mm)	Fixing details (dimensions in mm)
Hinges		ASSA Union (RefJH603BUFR-M-BZP)	100 x 35 x 3	5No. 4.5 x 35 woodscrews into frame 5No. 4.5 x 50 woodscrews into leaf
Eco Frame Option only		Eco Frame Hinge	100 x 35 x 2	4No. 4.5 x 25 screws into frame 4No. 4.5 x 50 screws into leaf
Locking mechanism		Fullex Crimebeater (Ref. CRB0002)	1725 x 20	10No. 4 x 50 woodscrews
		Winkhaus STV-Thunderbolt Pyro SF 2070/45S	1764 x 20	10No. 4 x 50 woodscrews
		Winkhaus AV2-F 2070 (45/55)	20 x 1775	12No 3.5 x 30 screws
		Winkhaus STV – Trulock SF 2070HD/455Z M2	20	10No 4.0 x 40 screws
Keeps – Fullex	Upper & lower	Fullex Crimebeater (Ref. CRB0004)	180 x 30	4No. 3.5 x 35 woodscrews
	Centre	Fullex Crimebeater (Ref. CRB0004)	221 x 44	3No. 3.5 x 35 woodscrews
Keeps – Winkhaus Thunderbolt	Upper & lower	Winkhaus (Ref F24-908 Keepset)	177 x 24	3No. 3.5 x 35 woodscrews
	Centre	Winkhaus (Ref F24-908 Keepset)	236 x 24	4No 3.5 x 35 woodscrews
Keeps – Winkhaus AV2	Upper & lower	Winkhaus (Ref. 4964543)	42 x 176	4No 3.5 x 30 screws
	Centre	Winkhaus (Ref. 4929193)	42 x 235	3No 3.5 x 30 screws
Keeps – Winkhaus Trulock	Upper & lower	Winkhaus (Ref F24-908 Keepset)	177 x 24	3No. 3.5 x 35 woodscrews
	Centre	Winkhaus (Ref F24-908 Centre Keepset)	236 x 24	4No 3.5 x 35 woodscrews
Closer		Astra 3000 Series closer Type 3003 Size 3	111 x 32	5No 4.3 x 40 screws into frame 5No 4.3 x 40 screws into leaf
Cylinder Lock / Cylinder Protection / Handle		<p><u>Tested configuration</u>  <b>Handle:</b> Yale Security Handle (Ref. YSHL); Fullex (Ref. CRBHAN0024); Ian Firth (Ref. IFH 12.24CP); Ian Firth (Ref. IFH 12.32CP); Hoppe (Ref. Tokyo); Hoppe (Ref. Luxemburg)  <b>Cylinder:</b> Fullex ABC Anti Bump KM543106; Yale X6 Euro profile KM532920; Ian Firth Euro cylinder KM588085; UAP 6 Pin Euro cylinder KM561977  <b>Cylinder protection:</b> Winkhaus - Armourshield</p>		
		<p>Or an alternative cylinder and handle combination can be used that meets the requirements of PAS 24:2016 as stated below:</p> <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> <p>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:</p> <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		A letterplate may be used that meets the requirements of PAS 24:2016 as follows:		
		<ul style="list-style-type: none"> <li>• Must have evidence of compliance with TS 008:2015 including: <ul style="list-style-type: none"> <li>◦ Enhanced security grade <u>2</u> (shown as digit 3 on the product classification).</li> </ul> </li> <li>• Maximum aperture size: 260mm x 40mm</li> <li>• Installation height between 400mm – 1800mm</li> </ul>		