WINTECH
TESTING & CERTIFICATION

WinMark ™
Enhanced Security
Performance of
Windows and Doors

UKAS
PRODUCT
CERTIFICATION

5856

Certification for the WinMark – Enhanced Security Performance of Doors PAS 24:2016

Section 1 – Certification Details:

Customer Name:	Vista Panels Ltd	**Certification Body:**	Wintech Engineering Limited
Customer Address:	Unit H1 Prenton Way North Cheshire Trading Estate Wirral Merseyside CH43 3DU	**Certification Body Address:**	Halesfield 2, Telford, Shropshire, TF7 4QH
WinMark Scheme:	Enhanced Security Performance of Doors PAS24:2016	**Certificate Number:**	C10160-1
Date of certification commencement:	8th March 2019	**Date of expiry:**	7th March 2022
Certificate compiled by:	Mark Swanborough Associate Director - Certification	**Certificate approved by:**	Mark Rogers Certification Auditor
Signed:		**Signed:**	

Section 2 - Products covered by this certificate:

System type and configurations:

System	Range of Configurations	Opening Direction	Maximum Leaf Size (W x H)
XtremeDoor Range PVC-U / Composite Doorset	Single Doorset	Inward and Outward opening leaf	914 mm x 2013 mm NOTE: Additional PVC-U edge protection is added

Extrapolation rules - Assuming identical hardware is fitted as specified in this certificate, the products listed are covered up to the maximum sizes stated above +10% in height and/or width, or the maximum sizes stated above –50% in height and/or width only.

Section 3 - Supporting test documentation

Initial Type Testing summary:

Product Type	Variant	BS 6375-1:2009		PAS 24:2016	
		Test	Category	Test	Class
XtremeDoor Range	Single Doorset	Exitex UMT / Exitex MDS83 Threshold only Exitex MDS80/2 Threshold only OUM4 / MXS 15/2/TB Thresholds Other Thresholds	800 (on largest specimen) 800X (on largest specimen) 1200 (on largest specimen) 800U (on largest specimen)	Annex C	D

Annex A – Product Details

Door Leaf		
	Part No. / Material	**Dimension (mm)**
Door Panel	Nan-Ya Plastics Corporation Standard Range (SBD) – 44.5mm GRP Faced Composite Door Blank	46P, 48P, 68P, 00P, 6FP 2mm skins + ABS central board Refer to Min / Max sizes above Product code carries "ES" Suffix
	DoorCo Ltd, FD30 GRP Composite 44 mm leaf Internal/External skins + reinforcing, 2mm GRP manufactured from SMC Core, polyurethane foam	64C: 6 Panel & 4 panel long top combo 4BT: 4 Panel Blank Top 6CT: 6 Line Cottage VFL: Vertical Flush GFL: Grooved Flush 4PA: 4 Panel Long Pre Aperture 3PA 3 Panel Sidelite 34L: ¾ Lite CFM: Craftsman PFL: Links Flush MZF: Monza Flush
Door edges	PVC-U edge banding to stiles	44 x 2 PUR Hotmelt adhesive
Rain Deflector	Exitex Rain Deflector and Exitex Rain Deflector Expelex CFNS	35 x 15 4No. 4 x 20 screws

Door Frame		
	Part No. / Material	**Dimension (mm)**
Head and Jambs	Eurocell Ultimate 70 (Ref: EWS 031)	70 x 80
	Eurocell Ultimate 70 (Ref: EWS 032)	70 x 65
	Eurocell Ultimate 70 (Ref: EWS 033)	70 x 85
Reinforcement	PVC-U Extrusion for EWS031 profile (Ref: EWS 831P) Location: Frame Jambs	43 x 37
	PVC-U Extrusion for EWS 032 profile (Ref:EWS 832P) Location: Frame Jambs	43 x 22
Threshold	Exitex (Inward Opening): UMT MDS70 MDS80/2 MDS83 MDS25 MDS140 MDS150 MWK R2/20 MXS15/2/TB Exitex (Outward Opening): OUM OUM/4 OUM/TD OUM125 Stormguard: (Inward Opening): AM3 Stormguard (Outward opening): AM5	-

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Jointing Method	Mechanically fixed to jamb reinforcement screwports or timber stub 4.3 x 20 screws (Threshold to Sill) 4.0 x 60 screws (Sill to Jamb stub)	-
Sill	Eurocell Ultimate 70 (Ref: AC85 / BC85) - Eurocell Ultimate 70 (Ref: AC150 / BC150) Eurocell Ultimate 70 (Ref: AC180 / BC180)	85 x 30 150 x 30 180 x 30

Perimeter sealing details		
	Description / Part No. / Material	-
Frame reveal	Option 1: Central Extrusions Ref: B200 Type: Bubble gasket	-
	Option 2: Eurocell Co-extruded gasket	-
	Linear / Schlegel / Exitex Type: Brush seal	-
Seal continuity	Seals uninterrupted by hardware. Brush seal interrupted by hardware.	-

Glazing & Infill		
	Description / Part No. / Material	-
Glass Configuration	At least 1 pane must be class P1A according to BS EN 356	-
Cassette internal and external face	Nan-Ya plastics corporation clip and adhesive fixed glazing cassette system in standard styles: MAS 9V: Sunburst MAS 7B: Half Glazed Arch + Grid MAS 7D: Twin Arch MAS 9E/F: Eyebrow MAS 9W: Half Moon MAS 7A: Half Glazed Arch Top MAS 9N: Twin Vertical MAS 9Q: Half Glazed MAS 7C: Half Glazed + Grid MAS 9S: Twin tops MAS 2F: Mid panel MAS 9X: Oval MAS 9Y: Diamond MAS 7K: Centre panel (9 panel) MAS 9M: Centre panel (8 panel) MAS 7L: Low	-
Gasket	UK industrial tapes Ref: Foam 10 x 1.6 UK industrial tapes / A.E Harris & Co. Ltd Ref: Prolink 6mm / 10mm PU grip adhesive	Between leaf and cassette Cassette fixing lugs
Bead Fixings	Clip fixed	-

Glazing & Infill		
	Description / Part No. / Material	-
Glass Configuration	At least 1 pane must be class P1A according to BS EN 356	-
Cassette internal and external face	Door Co Craftsman 3 lite ODL Cassettes TriSys range Style 0806 Style 0836 Style 0836SR Style 0836ST Style 2236 Style 223609 Style 0718 Style HR01 Style HR05 Style 0824 Style 2236RT Style 223611 Style 0707 Style 0864 Style 0764 Style 0848 Style 2248 ODL Cassettes CR range Style 816 Style 817 Style 818	-
Sealants	10mm x 1.5mm Prolink 1500R Bluefilmic liner (GB10)	Between leaf/cassette and glass and cassette
Bead Fixings	Screw fixed with decorative clip fix cover	-

Hardware		
	Part No. / Material	Fixings
Cylinder	UAP (Ref: Zero Lift SXD) KM 561977 / 35/35 / YALE (Ref: Anti-Bump Cylinder) KM 532920 / 35/35 / 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 – Gold level • Cylinder certified to PAS 24:2016 Annex A • Combination of handle, cylinder & cylinder protection to have a minimum combined total of 3 star rating to TS 007:2014 (e.g. 1 star cylinder + 2 star handle or 1 star cylinder + 2 star cylinder protection)	M5 machine screw
Cylinder protection	Paddock Fabrications (Ref. Cylinder guard 9101) Ingenious Locks & Hardware (Ref. Cylinder guard 6101)	M6 x 60 machine screw
Handles	Handle: Trojan Hardware & Design Ltd (Ref: Sparta) / 120 Lever / Ingenious Locks and Hardware (Ref. 4000 / 4002 series) / 120 Lever Total Hardware (Ref: Quantum / Endurance) / 120 Lever Yale, TS007 2* Door pull (Polished chrome), code: YLKTCP	M6 x 60 screws

Locking Mechanism	Option 1: Paddock Fabrications (Ref: PL147-45-03) 45 wide Option 2: YALE / Millenco / Assa Abloy (Ref: Mantis 3 MA80073) (Full faceplate) 40 wide Option 3: YALE / Millenco / Assa Abloy (Ref: Mantis 3 MA85030) (20mm faceplate) 20 wide Option 4: Ingenious Locks & Hardware (Ref. 1009 5 hook MPL) 20 wide Option 5: Winkhaus AV2-F 2070/45 92/8 M2 (L/H and R/H) 20 wide Option 6: Winkhaus, AV2 Heritage 2070/55, code: 5008984 L/H and 5008982 R/H.	4.3 x 32 screws into leaf
Hinges	MILA Hardware (Ref: iDeal Butt Hinge 22260) 100 x 30 ERA (Ref. Challenger 3D Butt Hinge) 100 x 50 Winkhaus ECO Hinge 102 x 35 SFS 2D adjustable Butt Hinge 9016 Dynamic 2D	5.0 x 60 screws to Frame 4.5 x 40 screws to Leaf
Keeps	Option 1: Paddock Fabrications (Ref: PLK481-19 Keep set) Option 2/3: YALE / Millenco / Assa Abloy (Ref: Mantis 3 keep set) Option 4: Ingenious Locks & Hardware (Ref. 1146) Option 5: Winkhaus AV2 F24 908W R/End MV1 Winkhaus F24-908W R/End U Option 6: 2No. F24 908W AV2 MV1 R/End keeps FX4 (Silver), code: 4933948. 1No. F24-908W Centre keeps R/End U (Silver), code: 4937126 L/H and 4937125 R/H.	4.2 x 45 screws into frame 4.2 x 45 screws into frame 4.2 x 45 screws into frame 4.3 x 32 screws into frame
Letter plate	Trojan 0793 TS008 Letterplate Or alternative letterplate may be used that meets the requirements of TS008:2015 - Enhanced security grade 2	-