




SCOPE OF CERTIFICATION

Enhanced Security Doorset to PAS24

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 e.g. glass type if required).

Hansen Group Ltd Greengate Industrial Estate Greenside Way Middleton Manchester M24 1SW	Manufacture Site: Hansen Facades Rudna Mala 47 36-060 Glogow Malopolski Poland	 <p>This scope of certification supports Certificate Number 050/162</p> <p style="font-size: small;">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.bmtradagroup.com.</p>
Completed: E. Watkin 	Checked: M. Chorlton 	
Issue: 1	Date: 23 October 2014	Details: First issue of scope.
Product Name: Hansen Millennium G40 Range – Outward Opening, Single leaf, Aluminium Doorset		Test Reports: (Refer to test reports for full specifications of the products initially type tested) BS6375 Pt1: Winkhaus: TR1420/C BS6375 Pt2: Winkhaus: TR1420/D EN 1191: BMT: MTP/F14173/01 BS6375 Pt3: TBC PAS 24: Winkhaus: TR1420/A

Doorset classification

D KT	<ul style="list-style-type: none"> Locking mechanism with a removable key on both inside and outside Locking mechanism with non-removable key (thumb-turn) on the inside
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Weather rating

BS6375 part 1 Exposure category 1200 (on largest specimen)

Maximum door leaf size

Open out (not including frame)	1090mm wide x 2260mm high
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Door leaf

		Material/type	Dimensions (mm)
Stiles	Lock	Hansen profile System 42	98 x 97
	Hinge	Hansen profile System 42	98 x 52
Rails	Top	Hansen profile System 42	98 x 56
	Bottom	Hansen profile System 42	98 x 50
Rebate		Single type	96 x 22
Joints		Mitred and glued with 2No. 4.5 x 30 screws and 2No. Sapa (Ref. 187441) cleats	-

Door frame

	Material/type	Dimensions (mm)
Head & jambs	Hansen profile System 42 aluminium profile with thermal break (Ref. 421783)	98 x 35
Rebate	Single type	95 x 22
Threshold	Hansen profile System 42 aluminium profile with thermal break (Ref. 425493)	118 x 20
Joints	Mitred and glued with 4No. 4.5 x 30 screws and 2No. Sapa (Ref. 190521) cleats	-

Hardware

	Make/type	Size (mm)	Fixing details (dimensions in mm)
Hinges	4No. Lem Beslag A/S (Ref. 429423) 3 point aluminium hinge	130 x 65	6No. M5 x 16 machine screws & 2No. 5 x 30 screws into frame 4No. M5 x 16 machine screws into leaf
Locking mechanism	Winkhaus (Ref. 60080/WH4999724) 5 point lock	2080 x 24	13No. 4.3 x 30 screws
Keeps	Upper	2No. Winkhaus (Ref. 60081/WH2513352)	4No. M4 x 20 machine screw
	Lower	2No. Winkhaus (Ref. 60081/WH2513352)	4No. M4 x 20 machine screw
	Centre	Winkhaus (Ref. 60082/WH5007451)	5No. M4 x 20 machine screws
Cylinder	ASSA ABLOY (Ref. RUKO) (Thumb-turn Option YES)	113 length	1No. M5 x 60 machine screw
Escutcheon	Lem Beslag (Ref. 156841)	-	2No. M5 x 12 tamper proof head screws (Ref. 96061)
Handle	Futura (Ref. 21131)	125 lever length	2No. M5 x 20 machine screws
Letter plate	Not Allowed		

Perimeter sealing details

	Make/type	Size (mm)	Location
Leaf Edges	Hansen Profile System 42 (Ref. 162491)	7 wide	On rebate upstand
	Hansen Profile System 42 (Ref.162321)	7 wide	Around perimeter of internal face of leaf
Frame reveal	None	-	-
Threshold	None	-	-
Seal continuity	Seals interrupted by hardware	-	-

Glazing

	Make/type/size (mm)	Location (dimensions in mm)
Glass type & configuration	42 thick insulating glass unit (triple glazed) Tested Configuration: 4 glass, 15 spacer, 4 glass, 15 spacer. 4 glass	Note: At least 1 pane of glass must be laminated to BS EN 356 class P1A
Overall size	958 wide x 2182 high	-
Sight size	930 wide x 2140 high	-
Packers	2No. Mila (Ref. 94401) 100 x 52 x 2 plastic packers	100 from all corners and at centres of stiles only
Gaskets	Hansen Profile System 42 7mm TPE	Between glazing and beading
	Hansen Profile System 42 3M tape GHB G23F	Between glazing and rebate upstand
Bead	Hansen Profile System 42 aluminium profile 19 x 18 (ref. 424233)	Externally beaded
Bead Fixing	Push fitted into profile	-
Sealants	DOW CORNING 895	Silicone backfill