

## Unique Window Systems Ltd

87 Parker Drive  
Leicester  
Leicestershire LE4 0JP

Tel: 0116 236 4656

e-mail: sales@uws.co.uk

website: www.uws.co.uk



**Agrément Certificate**  
**15/5186 (ES1)**

### ENHANCED SECURITY TO PAS 24 FOR PRODUCT SHEET 1

### EUROLOGIK 70 SINGLE AND DOUBLE LEAF DOOR SYSTEMS

This Enhanced Security sheet is not valid in isolation and must be read in conjunction with Product Sheet 1 of this Certificate. The information in this sheet supplements the details given in Product Sheet 1, section 9 *Unauthorised access*.

- The details in this sheet are only relevant to doors fabricated by Unique Window Systems Ltd and meeting the specification defined in section 2 Scope of approval
- It is essential that the doors are installed in accordance with the recommendations contained in Product Sheet 1 and in the Certificate holder's instructions to achieve the standard of enhanced security defined in this sheet.



#### 1 General

Selected doors from the EuroLogik 70 Single Leaf and Double Leaf Door Systems covered by Product Sheet 1 were tested to PAS 24 : 2016 *Enhanced security performance requirements for doorsets and windows in the UK — Doorsets and windows intended to offer a level of security suitable for dwellings and other buildings exposed to comparable risk* and are classified as D.

#### 2 Scope of approval

2.1 The specification for the doors considered to offer enhanced security comprises doors with 28 mm glazing units for double-glazed doors and 44 mm glazing units for triple-glazed doors with welded corners, all fabricated from components as listed in Tables 1 and 2, and in accordance with the recommendations contained in the fabrication instructions and this Certificate.

2.2 The scope of the test programme does not cover glass breakage as a means of entry. In locations where this is considered to be a significant risk, the use of laminated glass or other suitable glazing material may be necessary or required by Secured by Design (SBD) schemes.

#### 3 Design features

3.1 The outer frame members are reinforced with galvanized steel or PVC-U thermal inserts, in accordance with the fabrication instructions and this Certificate.

3.2 The door leaf profiles are always reinforced with galvanized steel in accordance with the fabrication instructions and this Certificate.

3.3 French mullions are always reinforced with aluminium reinforcement in accordance with the fabrication instructions and this Certificate.

#### 4 Design considerations

4.1 Only the specification of doors referred to in Tables 1 and 2 can be considered to meet the requirements. Any design variations to the frame profiles, internal reinforcement, locking mechanisms, handles, keeps, security plates, hinges, run-up blocks or associated fasteners, will require the door to be retested.

4.2 To ensure the level of resistance to intrusion indicated by the tests is achieved, installation must be carried out in accordance with the recommendations contained in Product Sheet 1 and the Certificate holder's instructions. For example, correct glass packing and fixing of the door into the opening are critical.

4.3 Doors assessed for enhanced security are designed to resist attempts to forced entry by the opportunist intruder using basic hand tools. However, the scope of assessment does not extend to an assurance of absolute security. In addition, door security must be considered in the context of the overall security of the building, taking into account such factors as vulnerability of individual doors and the security of windows.

The BBA has awarded this Certificate for Enhanced Security to PAS 24 to the company named above for the door systems described herein provided they are installed, used and maintained as set out in this Certificate.

On behalf of the British Board of Agrément

Date of Third issue: 1 April 2021

Originally certificated on 10 February 2015

Hardy Giesler  
Chief Executive Officer

*The BBA is a UKAS accredited certification body – Number 113.*

*The schedule of the current scope of accreditation for product certification is available in pdf format via the UKAS link on the BBA website at [www.bbacerts.co.uk](http://www.bbacerts.co.uk)*

**Readers MUST check the validity and latest issue number of this Certificate by either referring to the BBA website or contacting the BBA directly.**

*Any photographs are for illustrative purposes only, do not constitute advice and should not be relied upon.*

Table 1 EuroLogik 70 Single and Double Leaf Door Systems — list of components<sup>(1)</sup>

	Component	Profile type/ section or quantity	Designation <sup>(2)</sup>	Fixing details
<b>Profiles</b>	door outer frame	L	EWS 7006/7706	
	door outer frame	L	EWS 7001/7701	
	door leaf	T	EWS 7019/7719	
	door leaf	T	EWS 7018/7718	
	French mullion	T	EWS 7002/7702	
	midrail	—	EWS 7009/7709	
	low threshold	—	EWS 7150	
	galvanized steel reinforcement (EWS 7006/7706, jambs)	—	EWS 616S	
	galvanized steel reinforcement (EWS 7019/7719, hinge stile)	—	EWS 618S	
	galvanized steel reinforcement (EWS 7019/7719 for lock stile with a cut-out [310 x 25 mm] on both sides of reinforcement around the centre lock point)	—	EWS 619S	
	aluminium reinforcement (EWS 7002/7702)	—	EWS 7502A	
	aluminium reinforcement (EWS 7006/7706, head and threshold)	—	EWS 506A	
aluminium reinforcement (EWS 7019/7719, head and sill)	—	EWS 518A		
<b>Glazing retention</b>	internal glazing beads (28 mm)	—	EWS 7312	
	internal glazing beads (44 mm)	—	EWS 7303/7313	
	GT Windows Securi clips	—	✓	
<b>Furniture and fittings</b>				
Master leaf lock	Paddock Lockmaster 3 Hook 4 roller (PAD17200SS)	—	✓	12 screws (4.5 x 25 mm)
	Mila PL13-2ER	—	✓	
One-piece keep (for master lock)	Paddock (PAD17301SSLH)	—	✓	24 screws (4.5 x 25 mm)
Slave leaf lock	Paddock Lockmaster (PAD30100SS)	—	✓	9 screws (4.5 x 25 mm), 3 machine screws (4 x 10 mm) and 2 self-tapping screws (4.8 x 38 mm)
Shootbolt keeps	Paddock (PAD17301SS)	2	✓	5 self-tapping screws (3.8 x 32 mm) and 2 screws (4.5 x 25 mm)
Handle	Hoppe Tokyo Security	—	✓	2 machine screws (6 x 85 mm)
	Mila ProSecure 2-star	—	✓	
Cylinder	Yale X6 (key/key) (key/thumbturn)	—	✓	1 screw (5 x 40 mm)
	ISEO 1-star	—	✓	
Hinges	SFS 2D Dynamic	3	✓	3 self-tapping screws (5 x 38 mm) into the frame 2 screws (4.5 x 25 mm) and 2 screws (4.5 x 40 mm) into the leaf
	Mila ProSecure	3	✓	

(1) Individual components listed in this Table cannot be interchanged with components in Table 2.

(2) These items may be unmarked and it is recommended that, if in doubt, the purchaser seeks written assurance of the component specifications from the Certificate holder. All fixings for components must be as detailed in the fabrication instructions and this Certificate.

Table 2 EuroLogik 70 Single and Double Leaf Door Systems — list of components<sup>(1)</sup>

	Component	Profile type/ section or quantity	Designation <sup>(2)</sup>	Fixing details
<b>Profiles</b>	door outer frame	L	EWS 7006/7706	
	door leaf	Z	EWS 7018/7718	
	door leaf	T	EWS 7019/7719	
	French mullion	T	EWS 7002/7702	
	aluminium low threshold	—	EWS 7241	
	galvanized steel reinforcement (EWS 7006/7706, jambs)	—	EWS 616S	
	galvanized steel reinforcement (EWS 7018/7718, hinge stile)	—	EWS 618S	
	galvanized steel reinforcement (EWS 7018/7718 for lock stile with a cut-out [310 x 25 mm] on both sides of reinforcement around the centre lock point)	—	EWS 619S	
	galvanized steel reinforcement (EWS 7002/7702)	—	EWS 601S	
<b>Glazing retention</b>	internal glazing bead (28 mm)	—	EWS 7301	
<b>Furniture and fittings</b>				
Master leaf lock	Ingenious multipoint lock (3 hook and 4 roller cams)	—	✓	9 x Rapier Star PVC screws BSR 3.8 x 30 mm
	Ingenious shootbolt (1200)	—	✓	
One-piece centre keep (for master lock)	Ingenious one piece (1130-1322) (1132-1322)	—	✓	11 x Rapier Star gimlet point screws BSR 4.2 x 30 mm GP & BSR 3.8 x 30 mm GP
	Ingenious one piece (Smart ready) (1130-1322-SR)(1133-1322-SR)	—	✓	9 x Rapier Star self-tapping screws BSR 4.2 x 38 mm ST
Shootbolt keep	Ingenious shootbolt keep (1127)	—	✓	Rapier Star self-tapping screw BSR 4.2 x 38 mm ST
Handle	Quantum MK2	—	✓	2 machine screws (M5 x machine screws)
Cylinder	TITON ASTERION 3 star	—	✓	1 screw (M5 machine screw)
Hinges	SFS Dynamic 2D	3	✓	7 x Rapier Star window screws BSR 4.2 x 55Z
Glazing clips	GT Windows	—	✓	

(1) Individual components listed in this Table cannot be interchanged with components in Table 1.

(2) These items may be unmarked and it is recommended that, if in doubt, the purchaser seeks written assurance of the component specifications from the Certificate holder. All fixings for components must be as detailed in the fabrication instructions and this Certificate.