

## Eurocell Profiles Ltd

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**Agrément Certificate**  
**14/5150 (ES1)**

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

### EUROLOGIK 70 SINGLE LEAF 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 a BBA-approved Eurocell door fabricator 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 manufacturer'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 — External doorsets and windows intended to offer a level of security suitable for dwellings and other buildings exposed to comparable risk* and are classified 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 Table 1, 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 head and standard threshold outer frame members are always reinforced with aluminium reinforcement, and the jambs with galvanized steel, in accordance with the fabrication instructions and this Certificate.

3.2 The head and sill members of door leaves are always reinforced with aluminium reinforcement, and the jambs 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 Table 1 can be considered to meet the requirements. Any design variations to the frame profiles, internal reinforcement, locking mechanisms, handles, keeps, security plates 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 manufacturer'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 Second issue: 24 May 2019

John Albon  
Chief Scientific Officer

Claire Curtis-Thomas  
Chief Executive

Originally certificated on 4 September 2014

*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 are advised to check the validity and latest issue number of this Certificate by either referring to the BBA website or contacting the BBA direct.*

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

Table 1 EuroLogik 70 Single Leaf and Double Leaf Door Systems — list of components

Component	Application	Profile type/section or quantity	Manufacturer's designation	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 mm 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 bead (28 mm)	—	EWS 7312	
		internal glazing bead (44 mm)	—	EWS 7303/7313	
GT Fixings Securi clips		—	✓		
<b>Furniture and fittings</b>	Master leaf lock	Paddock Lockmaster 3 hooks 4 rollers (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)	—
	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) 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.