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Agrément Certificate
14/5150 (ES1)

ENHANCED SECURITY TO PAS 24 FOR PRODUCT SHEET 1

EUROLOGIK 70 FRENCH DOORS SYSTEM

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, *Basic security against intrusion*.

- 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 French Doors System covered by Product Sheet 1 were tested to PAS 24 : 2012 *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 as DKT.

2 Scope of approval

2.1 The specification for the French doors considered to offer enhanced security comprises doors with 28 mm glazing units and 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 threshold outer frame members are always reinforced with aluminium reinforcement and 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 French 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 Agrément Certificate for Enhanced Security to PAS 24 to the company named above for the system detailed herein, provided it is installed, used and maintained as set out in this Agrément Certificate.

On behalf of the British Board of Agrément

John Albon — Head of Approvals
Energy and Ventilation

Claire Curtis-Thomas
Chief Executive

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Certificate amended on 12 September 2014 to include update to logo.

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

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

Table 1 EuroLogik 70 French Doors System — list of components

	Application	Profile type/ section or quantity	Manufacturer's designation ⁽¹⁾	Fixing details
Profiles	door outer frame	L	EWS 7006/7706	
	door leaf	T	EWS 7019/7719	
	French mullion	T	EWS 7002/7702	
	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	
Glazing retention	internal glazing beads (7312) and GT Fixings Securi clips	—	✓	
Furniture and fittings				
Master leaf lock	Paddock Lockmaster 3 Hook 4 roller (PAD17200SS)	—	✓	12 screws (4.5 x 25 mm)
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)
Cylinder	Yale X6 (key/key) (key/thumbturn)	—	✓	1 screw (5 x 40 mm)
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

(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.