

## Unique Window Systems Ltd

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**Agrément Certificate**  
**15/5186 (ES3)**

### ENHANCED SECURITY TO PAS 24 FOR PRODUCT SHEET 3

### ASPECT PANORAMIC PVC-U BI-FOLD DOOR SYSTEM

This Enhanced Security sheet is not valid in isolation and must be read in conjunction with Product Sheet 3 of this Certificate. The information in this sheet supplements the details given in Product Sheet 3, 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 3 and in the Certificate holder's instructions to achieve the standard of enhanced security defined in this sheet.*



#### 1 General

Selected doors from the Aspect Panoramic PVC-U Bi-Fold Door System covered by Product Sheet 3 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 bi-fold doors considered to offer enhanced security comprises doors with 28 mm glazing units, all fabricated from components as listed in Table 1 and in accordance with the recommendations contained in the *Eurocell Aspect Panoramic Bi-fold Door Manual*.

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

All main frame and opening light profiles must be welded in accordance with the recommendations contained in the *Eurocell Aspect Panoramic Bi-fold Door Manual*.

#### 4 Design considerations

4.1 Only the specification of doors referred to in Table 1 can be considered to satisfy the requirements. Any design variations to the frame profiles, reinforcements, locking mechanisms, handles, keeps, striker plates, hinges, rollers 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 3 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 resistance to intrusion 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 the company named above for the system described herein, provided it is installed, used and maintained as set out in this Certificate.

On behalf of the British Board of Agrément

Date of First issue: 1 April 2021

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 Aspect Panoramic PVC-U Bi-fold Door System — list of components**

	<b>Component</b>	<b>Profile type/ section or quantity</b>	<b>Manufacturer's designation<sup>(1)</sup></b>	<b>Fixing details</b>
<b>Profiles</b>	outer frame	C	EWS 7071	
	sash/leaf	L	EWS 7075	
	galvanized steel reinforcement (EWS 7071 hinge-side)	—	EWS 7671S	
	galvanized steel reinforcement (EWS 7075)	—	EWS 7677S and EWS 7675S	
	aluminium track (bottom track)	—	EWS 7577A	
<b>Leaf gaskets</b>	black PCE gasket	—	EWS 7475G	
	woolpile gasket	—	EWS 7471GWP	
<b>Glazing retention</b>	28 mm internal glazing beads	—	EWS 7301 EWS 7312	
	glazing clips	—	GT Windows Securi-clips	
<b>Furniture and fittings</b>	door handle (lever/lever) Hoppe Yorkshire handle Traffic door handle	— —	— EWS 7880	2 handle screws 2 screws (5 x 80 mm)
	shootbolt handle (D-handle)	—	EWS 7872	2 screws (M3)
	Traffic door lock (with shootbolt)	— —	EWS 7877 EWS 7889	3 screws (4.3 x 30 mm gimlet) 3 or 4 screws (4.3 x 30 mm gimlet)
	keep set – Traffic door lock Traffic door shootbolt keep	— —	EWS 7878 EWS 7890	10 screws (4.8 x 30 mm gimlet) 3.9 x 16 mm drill point
	Finger bolt hinges knuckle butt hinges knuckle roller hinges	— — — —	EWS 7874 EWS 7873 EWS 7875 (double) EWS 7876 (single)	— 6 screws (4.2 x 42 mm drill point) 4 screws (4.8 x 38 mm) 4 screws (4.8 x 38 mm)
	cylinder	—	Yale Platinum 3-star	1 screw (M5)
	rollers	—	EWS 7887 / 7888	4 screws (4.8 x 38 mm gimlet)
	hinge protectors – GT Windows	—	Bi-fold Guardian	4 screws (4.2 x 42 mm and 4.8 x 38 mm gimlet)

(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.