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Agrément Certificate
14/5150 (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 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 3 and in the manufacturer'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 — External doorsets and windows intended to offer a level of security suitable for dwellings and other buildings exposed to comparable risk* and met the requirements.

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 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

All main frame and opening light profiles must be welded in accordance with the recommendations contained in 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 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 PAS 24 to the company named above for the door 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: 29 March 2019

John Albon
Chief Scientific Officer

Claire Curtis-Thomas
Chief Executive

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.
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

| | Application | Profile type/ section or quantity | Manufacturer's designation ⁽¹⁾ |
|------------------------|--|--------------------------------------|---|
| Profiles | outer frame | C | EWS 7071 |
| | sash/leaf | L | EWS 7075 |
| | galvanized steel reinforcement (EWS 7075) | — | EWS 7675S |
| | aluminium track (head and jambs of frame) | — | EWS 7572A |
| | aluminium track (bottom track) | — | EWS 7581A |
| Leaf gaskets | black PCE gasket | — | EWS 7475G |
| | wool pile gasket | — | EWS 7471 GWP |
| Glazing retention | 28 mm internal glazing beads | — | EWS 7301 EWS 7312 |
| | glazing clips | — | GT Window Securi-clips |
| Furniture and fittings | | | |
| | door handle (lever/lever) Hoppe Yorkshire handle | — | — |
| | shootbolt handle (D-handle) | — | EWS 7872 |
| | espagnolette/shootbolt Traffic door espagnolette system (with shootbolt) | — | EWS 7877 |
| | shootbolt kit (separate) | — | EWS 7871 |
| | keep set | — | EWS 7878 |
| | finger bolt | — | EWS 7874 |
| | hinges knuckle butt hinges | — | EWS 7873 EWS 7875 (double) |
| | knuckle roller hinges | — | EWS 7876 (single) |
| | cylinder | — | 3 star cylinder 45/45 |
| | hinge protectors – GT windows | — | Bi-fold Guardian |

(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.