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Agrément Certificate
07/4476 (ES2)

ENHANCED SECURITY FOR PRODUCT SHEET 2

NORDAN 2P TIMBER SLIDING PATIO DOOR SYSTEM

This Enhanced Security sheet is not valid in isolation and must be read in conjunction with Product Sheet 2 of this Certificate. The information in this sheet supplements the details given in Product Sheet 2, section 9 *Unauthorised access*.

- *The details in this sheet are only relevant to timber sliding patio doors supplied by NorDan UK Ltd and meeting the specification defined in section 2 Scope of approval.*
- *It is essential that the doorsets are installed in accordance with the recommendations contained in Product Sheet 2 and in the manufacturer's instructions, to achieve the standard of enhanced security defined in this sheet.*



1 General

Selected doors from the NorDan 2P Timber Sliding Patio Door System covered by Product Sheet 2 were tested to PAS 24 : 2016, Annexes A and B: *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 patio doors considered to offer enhanced security comprises doors with 44 mm triple-glazed units, all fabricated from components as listed in Table 1, and in accordance with the recommendations contained on the NorDan website (www.nordan.co.uk). See also Figure 1.
- 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

Externally fitted aluminium glazing beads can be removed by manipulation but the subsequent removal of the glass without breakage and noise is extremely difficult due to the glazing being additionally secured by polyurethane adhesive sealant.

4 Design considerations

- 4.1 Only the specification of doors referred to in section 2.1 can be considered to meet the requirements. Any design variations to the frame profiles, locking mechanisms, handles, keeps, striker plates, 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 2 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 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 Fifth issue: 1 November 2022

Originally certificated on 26 September 2007

Hardy Giesler
Chief Executive Officer

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

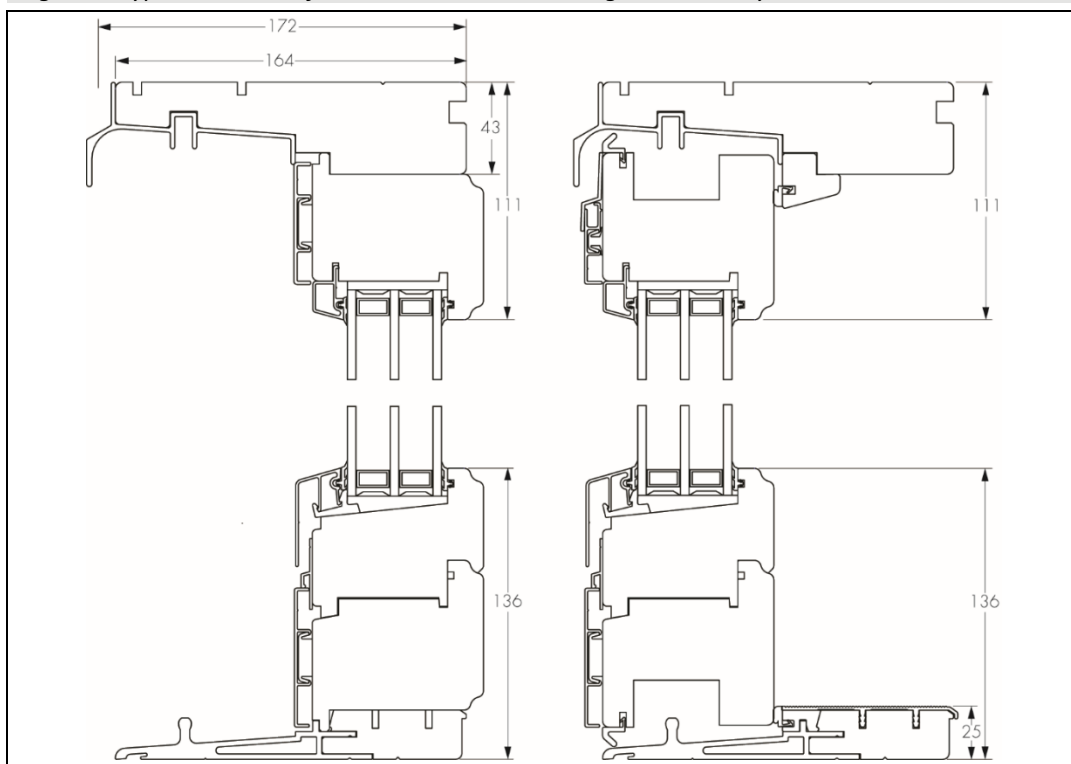
The schedule of the current scope of accreditation for product certification is available in pdf format via the UKAS link on the BBA website at www.bbacerts.co.uk
Readers MUST check the validity and latest issue number of this Agrément Certificate by either referring to the BBA website or contacting the BBA directly.
Any photographs are for illustrative purposes only, do not constitute advice and should not be relied upon.

Table 1 Two-pane 2P timber sliding patio door — list of components

Application	Manufacturer's designation ⁽¹⁾	Fixings
Door lock	0403268 – 0403273 (top section) 0403276 (bottom section)	070392
Keeps	Striker plate 0403510	070432
Handle – white – silver – black	0404088, 0404087, 0404091, 0404090 0404082, 0404081, 0404085, 0404084 0404094, 0404093, 0404097, 0404096	0401575, 0404102 0403720, 0404103 0403385, 0404104
steel plate	0404080	
Cylinder	0404113, 0404114	
Thumbturn cylinder	0404155	070620, 070618, 070619
Double cylinder	0404284	
Interlock claws	0403326	070397
Meeting style hook lock handle - white - silver - black	0403730 0403729 0403396	070397
Meeting style hook lock	0400486	–
Meeting style strike plate	0400481	070397
Roller wheels	0403262, 0403263 (bottom) 0403274, 0403275 (top)	070432
Steel section between roller wheels	0404046 - 0404050	–
Security brick	0404298	070615
End damper	0403976	070549
Squeeze bracket	0403974	070432
Antilift device	0404002	–
Run up block protector	0403428, 0403005, 0403399	–

(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.

Figure 1 Typical sections of a NorDan 2P Timber Sliding Patio Door System



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