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**Agrément Certificate**  
**07/4476 (ES1)**

## ENHANCED SECURITY TO PAS 24 FOR PRODUCT SHEET 1

### NORDAN 1I, TE, TX, BE and BX TIMBER DOORSETS

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 *Unauthorized access*.

- *The details in this sheet are only relevant to inward and outward opening single-leaf doorsets and outward opening double-leaf doorsets 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 1 and in the manufacturer's instructions, to achieve the standard of enhanced security defined in this sheet.*



## 1 General

Selected doorsets from the NorDan timber inward opening (1I) and outward opening (TE, TX, BE and BX) door range covered by Product Sheet 1 were tested to PAS 24 : 2016, Annexes A and B *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 D.

## 2 Scope of approval

2.1 The specification for the doors considered to offer enhanced security comprises doors with 26 or 27 mm glazing 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](http://www.nordan.co.uk)). See also Figures 1 and 2.

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 satisfy the requirements. Any design variations to the frame profiles, locking mechanisms, handles, keeps, striker 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, fixing of the doors into the opening is vital.

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 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 Sixth issue: 24 May 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](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.*

**Table 1 Single-leaf (TE and BE) and double leaf (TX and BX) outward opening or single leaf (1I) inward opening doorsets — List of furniture and fixings**

Application	Manufacturer's designation <sup>(1)</sup>	Fixings	
Assa Abloy multipoint lock (3 hookbolts, 1 deadlock and a centre latch)	0401259	4.0x45/30	
	0401261	fibrecut T17	
	0401263	TX 20 Dacro	
	0401265		
	0401267		
	0401269		
	0401271		
	0401273		
	0401275		
		0402016 to 0402024 0403240 to 0403241	
3 hookbolt keeps	0402764	4.0x35 fibrecut T17 TX 20 Dacro	
	0403169	4.5x35 TX20 A2	
Centre deadbolt/latch keep	0402763	6.0x50/30	
	0401307	T17 TX 25 Dacro	
Slip-bolt	0400507	3.5x40 self-boring T17 TX 15 Dacro	
Slave leaf slip-bolt keep	0402765 and 0403222	PLS 3.5x9.5 TX15 A2	
3 or 4 door hinges	0401741, 0401742	6.0x37 fibrecut TX25 A2	
	0401744, 0401745		
	0402335 to 0402338	Security screw 6.0x80/50 st. TX30	
	0403777 to 0403780		
Handle	white	0403670	M6x80mm/95m
	Silver	0401702	m 4STK HV
	black)	0403410	M6x80mm/95m m 4STK F1
Cylinder	(blanking plate/thumbturn) (blanking plate/key)	Trioving 2-part cylinder	
		0401690 and 0401691	
	(key/thumbturn)	0401692 and 0401693	
		0402079 and 0402080	
		0401694 and 0401695	
	(key/key)	0402075 and 0402076	
		0401696 and 0401697	
0402077 and 0402078			
48mm and 53.9mm Composite laminate panel 4 mm compact laminate to each face with either a 40 mm or 45.9 mm polystyrene core	—		
48 mm and 53.9 mm HDF panel 5.5 mm HDF to each face with either a 40 mm or 45.9 mm polystyrene core.	—		

(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 vertical section

