

1. Name and commercial name of the construction product: **All models of interior sliding doors according to INVADO system**
2. Designation of the construction product type : **Interior sliding doors according to INVADO system, single and double doors**
3. Intended use : **Sliding doors according to INVADO system can be used in residential and public buildings as interior doors to the extent resulting from their performance characteristics set out in point 8**
4. Name and address of the manufacturer and place of manufacture of the product: **INVADO spółka z ograniczoną odpowiedzialnością, Dzielna , ul. Leśna 2 ,42-793 Ciasna**
5. Name and address of the registered representative, if established: **Not applicable**
6. National system used for assessment and verification of constancy of performance properties: **3**
7. National technical specification :
 - 7a. Polish standard : **None**
The name of the accredited certification body, accreditation number and national certificate number or the name of the accredited laboratory/laboratories and the accreditation number: **Not applicable**
 - 7b. National technical assessment: **ITB-KOT-2018/0296 edition 1**
National technical assessment unit : **Building Research Institute**
The name of the accredited certification body, accreditation number and certificate number: **Not applicable**
8. Declared performance properties:

Essential characteristics of the construction product for the intended use or uses	Declared performance properties	Comments
Deviations of dimensions of door leaves	Class 2 of tolerance acc. to PN-EN 1529:2001	
Deviations of dimensions of door frames made of wood-based materials	External height and width ± 5 mm; height in the rebate $\pm 2,0$ mm; width in the rebate and clear width $\pm 1,0$ mm (for dimension ≤ 1000 mm) or $\pm 2,0$ mm (for dimension > 1000 mm); clear height $\pm 3,0$ mm; difference in the length of the opposite elements of the clear door frame $\pm 2,0$ mm (for dimension ≤ 1000 mm) or $\pm 3,0$ mm (for dimension > 1000 mm)	
Rectangularity of door leaf	Class 2 of tolerance acc. to PN-EN 1529:2001	
Flatness of door leaf	Class 3 of tolerance acc. to PN-EN 1530:2001 – overall flatness Class 1 of tolerance acc. to PN-EN 1530:2001 - local flatness	
Correctness of operation of sliding doors	The movement of door leaf during opening and closing is smooth, without stopping and rubbing door leaf against other elements of door leaf. Pressure elements, slides and bumpers with buffers allow the door to be opened and closed without jamming and violent impacts of the door leaf against buffers.	
Operating forces	Class 2 acc. to PN-EN 12217:2005	
Force needed to overcome initial friction	Class 3 acc. to PN-EN 1527:2013	
Resistance of sliding door to static vertical load	Holders, sliding trolleys and brackets of the guide rail do not show a permanent deformation under a static load equal to their twice the maximum nominal load (1000N) for a period of not less than 10 minutes, in testing acc. to PN-EN 1527:2013	
Resistance of sliding door to static concentrated load acting perpendicular to the door leaf plane	Static concentrated load with a value of 200 N acting on the door leaf should not cause : - damage to the door leaf, including sliding trolleys and holders - permanent deformation deteriorating the functionality and performance of the door leaf	
Resistance to impact of hard object	Class 1 acc. to PN- EN 1192:2001	
Resistance to impact of soft and heavy object	Class 1 acc. to PN- EN 1192:2001	
Shock resistance	Door leaves do not show any mechanical damages and retain the functionality and efficiency of operation after 50 repetitive cycles of impact of the door leaf against the bumper (to be checked on the drawing C6, Attachment C ITB-KOT -2018/0296 edition 1)	
Resistance of doors to repeated cyclic opening and closing (mechanical durability)	Door leaves after 10,000 cycles of opening and closing do not show any damage or malfunction. The door leaf moves without jamming or braking in motion (see section 3.16. ITB-KOT -2018/0296 edition 1)	

9. The performance of the product identified above is in accordance with all declared performance properties mentioned in point 8. This declaration of performance is issued in accordance with the Act of 16 April 2004 on construction products, under the sole responsibility of the manufacturer.

On behalf of the manufacturer signed :

Andrzej Majchrzak - President of the Board

.....
(name, surname and position)

Dzielna 07.12.2017

.....
(place and date of issue)

INVADO Spółka z o.o.
PREZES DZIELNA
(signature) of Generalny

Andrzej Majchrzak