

1. Name and commercial name of the construction product: **All models of interior glass doors according to INVADO system**
2. Designation of the construction product type: **Interior glass doors according to INVADO system, single and double doors**
3. Intended use: **Interior flat 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-2017/0313 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
Dimensions - deviations - rectangularity - general flatness - local flatness	Class 2 acc. to PN-EN 1529:2001 Class 2 acc. to PN-EN 1529:2001 Class 3 acc. to PN-EN 1530:2001 Class 1 acc. to PN-EN 1530:2001	
Correctness of operation	The movement of door leaf during opening and closing is smooth, without stopping and rubbing door leaf against door frame. The operation of movable ironmongery elements is without jamming. The seals closely adhere to appropriate surfaces of door leaf and door frame in accordance with the design assumptions.	
Values of operating forces	Class 2 acc. to PN-EN 12217 :2015	
Resistance to static vertical loads acting on the door leaf	Class 1 acc. to PN-EN 1192:2001 - Static load with a vertical force of 400 N Class 2 acc. to PN-EN 1192:2001 - Static load with a vertical force of 600 N - door leaf is open at an angle of 90° The static load doesn't cause : - permanent vertical deformations, measured in the lower corner on the side of the lock, greater than 1 mm, - changes in the diagonal length of door leaf greater than 1 mm, - damage to the product	
Resistance to static torsion	Class 1 acc. to PN-EN 1192:2001 - Static load with a torsion force of 200 N Class 2 acc. to PN-EN 1192:2001 - Static load with a torsion force of 250 N - door leaf is open at an angle of 90° and blocked in the upper corner on the side of the lock - the static load does not cause permanent horizontal door leaf deformation at the point of application of the load (lower corner on the side of the lock) greater than 2 mm.	
Resistance to impact of soft and heavy object	Class 1 acc. to PN-EN 1192:2001 E=30J Class 2 acc. to PN-EN 1192:2001 E=60J	
Resistance to impact of hard object	Class 1 acc. to PN-EN 1192:2001 E=1,5J Class 2 acc. to PN-EN 1192:2001 E=3,0J	
Shock resistance	The door does not show any mechanical damages after 50 repetitive cycles of impact on the door frame, performed according to PN-B-06079:1988 (this requirement does not apply to doors equipped with closing devices)	
Resistance of doors to repeated cyclic opening and closing (mechanical durability)	20 000 cycles - Class 3 acc. to PN-EN 12400:2004	

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, 11.12.2017r.

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

INVADO Spółka z o. o.
PREZES Zarządu
Dzielnica Generalny
.....
(signature)
Andrzej Majchrzak