



Łukasiewicz
Instytut
Mechaniki
Precyzyjnej

Sieć Badawcza Łukasiewicz

**INSTYTUT MECHANIKI PRECYZYJNEJ
CERTIFICATION DEPARTMENT**

01-796 Warszawa, ul. Duchnicka 3

e-mail: certyfikacja.imp@imp.lukasiewicz.gov.pl
<http://www.imp.edu.pl>



AC 041

CERTIFICATE OF CONFORMITY

**Nr P41/171/2021 (8350)
ENGLISH EDITION**

Name and address of the certificate owner:

**GERDA Sp. z o. o.
05-806 KOMORÓW, Sokołów, ul. Sokołowska 49**

Name and address of the manufacturer:

**GERDA Sp. z o. o.
05-806 KOMORÓW, Sokołów, ul. Sokołowska 49**

Product name:

**External door with increased
burglary resistance**

Type (variants):

GERDA OPTIMA 50

Class of burglary resistance:

- RC2 - wg PN-EN 1627:2012;

Classification acc. to PN-EN 14351-1+A1:2010 on the reverse of the certificate

The product fulfills requirements of:

PN-EN 14351-1+A1:2010

Date of expiration: **27 June, 2024**

This certificate is valid from **28 June, 2021** until **27 June, 2024** only for products covered by application No. 043/W/2021, under assumption that the technical specification is valid, item fulfills its requirements and there were no major changes in: product type, system, conditions and the place of the production.

Certification of conformity Type „3” acc. to PN-EN ISO/IEC 17067: 2014-01.

Voluntary Certificate of conformity issued acc. to the program PC-03 (IMP)

**MANAGER
CERTIFICATION DEPARTMENT**


Marek ZIĘTAŁA M.Sc. Eng.



DIRECTOR


Anna OSTAPCZUK Ph.D., Eng.

*Certificate can be published only by Certificate Owner without comments, abbreviations and changes.
Warsaw, 28 June, 2021.*

No. P41/171/2021 (8350)

Type: GERDA OPTIMA 50

Classification of properties for external pedestrian doorsets acc. to PN-EN 14351-1+A1:2010
Appendix E tablica E.2-Separate determination of properties for external doorsets

Clause	Property	Classification/value	Classificationstandard
4.2	Wind load resistance	class C2	PN-EN 12210: 2001
4.5	Water tightness	class 4A	PN-EN 12208: 2001
4.6	Dangerous substances	npd	PN-EN 14351-1+A1: 2010 p. 4.6
4.7	Impact resistance	npd	PN-EN 13047: 2004
4.8	Load-bearing capacity of safety devices	npd	PN-EN 14351-1+A1: 2010 p. 4.8
4.9	Width x height	1110x2084,5 (mm x mm)	PN-EN 14351-1+A1: 2010 p. 4.9
4.10	Release properties	npd	PN-EN 14351-1+A1: 2010 p. 4.10
4.11	Acoustic performance R_w (dB)	31(-1;-3)	PN-EN ISO 717-1: 1999
4.12	Thermal transmittance U_w (W/m ² K)	Door with perforated casing	PN-EN ISO 10077-1: 2002
		1,2	PN-EN ISO 10077-2: 2007
4.13	Radiation properties	npd	PN-EN 14351-1+A1: 2010 p. 4.13
4.14	Air permeability	class 2	PN-EN 12207: 2001
4.16	Operating forces (for doors operated manually):	class 3	PN-EN 12217: 2005
4.17	Mechanical resistance:	class 2	PN-EN 1192: 2001
4.18	Ventilation	npd	PN-EN 14351-1+A1: 2010 p. 4.18
4.19	Bullet resistance	npd	PN-EN 1522: 2000
4.20	Explosion resistance	npd	PN-EN 14351-1+A1: 2010 p. 4.20
4.21	Repeated opening and closing	npd	PN-EN 12400: 2004
4.22	Behaviour between different climates	npd	PN-EN 12219: 2002
4.23	Burglary resistance	class RC2	PN-EN 1627: 2012

KIEROWNIK
Zakładu Certyfikacji


mgr inż. Marek Zietała

The validity of this certificate can be confirmed by phone numbers: +48 22 663-43-24, 22 560-28-00