



Łukasiewicz
Instytut
Mechaniki
Precyzyjnej

Sieć Badawcza Łukasiewicz

**INSTYTUT MECHANIKI PRECYZYJNEJ
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AC 041

CERTIFICATE OF CONFORMITY

**Nr P41/188/2021 (8367)
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 THERMO PREMIUM 75 (RC2), GERDA
THERMO PREMIUM 75 (RC2N)**

Class of burglary resistance:

- **RC2** - acc. to PN-EN 1627: 2012;
- **RC2N** - acc. to PN-EN 1627: 2012 (applies to glazed doors)

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: **18 July, 2024**

This certificate is valid from **19 July, 2021** until **18 July, 2024** only for products covered by application No. 044/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 ZIĘTALA M.Sc. Eng.



DIRECTOR

Anna OSTAPCZUK Ph.D., Eng.

**Certificate can be published only by Certificate Owner without comments, abbreviations and changes.
Warsaw, 19 July, 2021.**

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

Sieć Badawcza Łukasiewicz - Instytut Mechaniki Precyzyjnej

Form. F-2.2.1, ed. 7, 30-03-2020

No. P41/188/2021 (8367)

Type: GERDA THERMO PREMIUM 75 (RC2), GERDA THERMO PREMIUM 75 (RC2N)
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 4B		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	1103,5x2071 (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)	npd		PN-EN ISO 717-1: 1999
4.12	Thermal transmittance U_w (W/m ² K)	With ALUTHERM casing	With DUOTHERM casing	PN-EN ISO 10077-1: 2002 PN-EN ISO 10077-2: 2007
		GERDA THERMO PREMIUM 75 (RC2) 0,8 GERDA THERMO PREMIUM 75 (RC2N) - glazed 1,1	0,9 1,3	
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):	npd		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 class RC2N (glazed doors)		PN-EN 1627: 2012

Kierownik Działu Certyfikacji



mgr inż. Marek Ziętala

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