



INSTITUTE OF PRECISION MECHANICS

CERTIFICATION DEPARTMENT

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AC 041

CERTIFICATE OF CONFORMITY

No. P41/142/2018 (7473)

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 TT OPTIMA 60 (RC2)

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: **June 10, 2021**

This certificate is valid **from June 11, 2018 until June 10, 2021** only for products covered by application No. 073/W/2018, provided 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.

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

MANAGER

CERTIFICATION DEPARTMENT

Marek ZIĘTALA M.Sc. Eng.



DIRECTOR

INSTITUTE OF PRECISION MECHANICS

Tomasz BABUL Ph.D. D.Sc. Eng. prof. IMP

Certificate can be published only by Certificate Owner without comments, abbreviations and changes.
Warsaw, June 11, 2018.

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Type: GERDA TT OPTIMA 60 (RC2)

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	1109x2076 (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 1,0	With PERFOTHERM casing 1,1	PN-EN ISO 10077-1: 2002 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):	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		PN-EN 1627: 2012

KIEROWNIK
Zakładu Certyfikacji

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mgr inż. Marek Ziętała