



**INSTITUTE OF PRECISION MECHANICS  
CERTIFICATION DEPARTMENT**

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AC 041

**CERTIFICATE OF CONFORMITY**  
**No. P41/072/2018 (7403) Z1**  
**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, GERDA TT-plus, GERDA TT-max,  
GERDA TT OPTIMA 50  
(single-leaf, right- or left-hinged)**

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: **March 15, 2021**

This certificate is valid from **March 16, 2018 until March 15, 2021** only for products covered by application No. 016/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.

This certificate substitutes the certificate No. P41/072/2018 (7403) issued on 16.03.2018 in which in the position Type (variants) GERDA TT OPTIMA 50 was added.

*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 ZIETALA 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, May 15, 2018.**

**Z1-revision No. 1**

No. P41/072/2018 (7403) Z1

Type: GERDA TT, GERDA TT-plus, GERDA TT-max, GERDA TT 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 $U_w$ ( $W/m^2 \cdot K$ )	Door with perforated casing		PN-EN ISO 10077-1: 2002 PN-EN ISO 10077-2: 2007
		GERDA TT, GERDA TT OPTIMA 50: 1,2	GERDA TT-plus, GERDA TT-max: 1,1	
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

Classification of properties declared additionally

-	Height and width of leaf	class of tolerance 2	PN-EN 1529: 2001
-	Rectangularity of leaf	class of tolerance 2	PN-EN 1529: 2001
-	Overall flatness	class of tolerance 3	PN-EN 1530: 2001
-	Local flatness	class of tolerance 1	PN-EN 1530: 2001

KIEROWNIK  
Zakładu Certyfikacji

*mgr inż. Marek Zietała*