



**INSTITUTE OF PRECISION MECHANICS
CERTIFICATION DEPARTMENT**

01-796 Warszawa, ul. Duchnicka 3

phone 22 663-43-24, 22 560-28-00 e-mail: marek.zietala@imp.edu.pl
http://www.imp.edu.pl/cert



AC 041

CERTIFICATE OF CONFORMITY

No. P41/215/2017 (7293)

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 GERDA GSX**

Type (variants):

GERDA GSX

Class of burglary resistance:

- **RC3** - acc. to PN-EN 1627: 2012;
- **C** - acc. to PN-B-92270: 1990 (with respect to the requirements for strength and resistance)

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: **October 25, 2020**

This certificate is valid from **October 26, 2017** until **October 25, 2020** only for products covered by application No. 154/W/2017, 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 ZIĘTAŁA
Marek ZIĘTAŁA M.Sc. Eng.



**DIRECTOR
INSTITUTE OF PRECISION MECHANICS**

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

*Certificate can be published only by Certificate Owner without comments, abbreviations and changes.
Warsaw, October 26, 2017.*

No. P41/215/2017 (7293)

Type: GERDA GSX

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	1507x2102,5 (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)	npd		PN-EN ISO 717-1: 1999
4.12	Thermal transmittance U_w ($W/m^2 \cdot K$)	Door with door frame PERFOTERM 1102x2081 (mm x mm)	1,2	PN-EN ISO 10077-1: 2002 PN-EN ISO 10077-1: 2007
		Door with jamb with thermal bridge 1102x2081 (mm x mm)	1,2	
		Door with aluminum frame 1124x2092 (mm x mm)	1,2	
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 2		PN-EN 12217: 2005
4.17	Mechanical resistance:	class 4		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 RC3		PN-EN 1627: 2012

Classification of properties declared additionally

-	Burglary resistance	class C	PN-B-92270: 1990 (with respect to the requirements for strength and resistance)
---	---------------------	---------	--

KIEROWNIK
Zakładu Certyfikacji
Marek Ziętała
mgr inż. Marek Ziętała