



INSTITUTE OF PRECISION MECHANICS
CERTIFICATION DEPARTMENT

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AC 041

CERTIFICATE OF CONFORMITY

No. P41/302/2016 (6883)

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 SX20 (single-leaf, inwards and outwards direction of opening, left-hinged or right-hinged)

Class of burglary resistance:

- **RC4** - 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 and certificate validity conditions: **28 July 2019**

This certificate is valid from **29.07.2016** until **28.07.2019** only for products covered by application No. 098/W/2016, 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-01 (IMP)

MANAGER

CERTIFICATION DEPARTMENT

Marek ZIĘTAŁA 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, July 29 , 2016.

No. P41/302/2016 (6883)

Type: GERDA SX20

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

Clau se	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	1023x2030 (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 ($W/m^2 \cdot K$)	1,3	PN-EN ISO 10077-1: 2007 PN-EN ISO 10077-1: 2012
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 RC4	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)
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K I E R O W N I K
Zakładu Certyfikacji

mgr inż. Marek Ziętała