



INSTITUTE OF PRECISION MECHANICS

CERTIFICATION DEPARTMENT

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AC 041

CERTIFICATE OF CONFORMITY

No. P41/217/2018 (7548)

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:

**Double-leaf external door with
increased burglary resistance GERDA
TT DUO, GERDA GTT DUO**

Type (variants):

**GERDA TT PLUS DUO, GERDA TT MAX DUO,
GERDA GTT PLUS DUO (glazed), GERDA GTT MAX
DUO (glazed), GERDA TT OPTIMA DUO 60.**

Class of burglary resistance:

- **RC 2** - acc. to PN-EN 1627: 2012 (GERDA TT PLUS DUO, GERDA TT MAX DUO, GERDA TT OPTIMA DUO 60);
- **RC 2N** - acc. to PN-EN 1627: 2012 (GERDA GTT PLUS DUO, GERDA GTT MAX DUO)

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

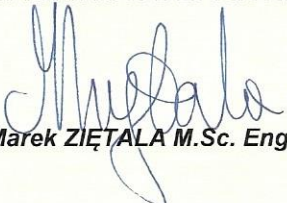
Date of expiration: **September 9, 2021**

This certificate is valid from **September 10, 2018** until **September 9, 2021** only for products covered by application No. 136/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.

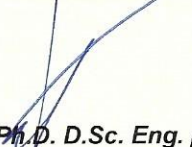
Certificate of conformity issued acc. to the program PC-03 (IMP)

MANAGER
CERTIFICATION DEPARTMENT


Marek 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, September 10, 2018.

Certificate No. P41/217/2018 (7548)

**Type: GERDA TT PLUS DUO, GERDA TT MAX DUO, GERDA GTT PLUS DUO (glazed),
GERDA GTT MAX DUO (glazed), GERDA TT OPTIMA DUO 60.**

**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 C4				PN-EN 12210: 2001
4.5	Water tightness	class 3B				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	1506x2080 (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^2K)	Door with PERFOTHERM casing Outer dimensions 1307x2091 (mmx mm)				PN-EN ISO 10077-1: 2007 PN-EN ISO 10077-1: 2012
		TT PLUS DUO, TT OPTIMA DUO 60: 1,4	TT MAX DUO: 1,4	GTT PLUS DUO: 1,7	GTT MAX DUO: 1,7	
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 1				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	TT PLUS DUO, TT MAX DUO, TT OPTIMA DUO 60 klasa RC 2	GTT PLUS DUO, GTT MAX DUO klasa RC 2N			PN-EN 1627: 2012

KIEROWNIK
Zakładu Certyfikacji

Marek Ziętała
mgr inż. Marek Ziętała