

DECLARATION OF PERFORMANCE



No. 2018-005

1. Unique identification code of the product type: *WGT, WGB, BKW, BTKW*
2. Intended use/es: *screws for fixing gypsum plasterboard systems*
3. Manufacturer: *ARVEX GROBELNY Sp. z o.o.*
ul. Makuszyńskiego 4, 30-969 Krakow, POLAND
4. Authorised representative: -----
5. System/s of AVCP: *system 4*
- 6a. Harmonised standard: *PN-EN 14566+A1:2012 - „Mechanical fasteners for gypsum plasterboard systems - Definition, requirements and test methods”, 2012*
- Notified Body/ies: *1488, certificate of accreditation AB 023, Zakład Elementów Konstrukcji Budowlanych i Budownictwa na Terenach Górniczych, Laboratorium Łączników i Wyrobów Budowlanych (LOK) Instytutu Techniki Budowlanej, Poland.*
- 6b. European Assessment Document: -----
European Technical Assessment: -----
Technical Assessment Body: -----
Notified Body/ies: -----
7. Declared performance:

Essential characteristics	Product type	Size*	Performance		Harmonised technical specification
Pull-out force – average destructive forces in the wood substrate (construction wood C16) – N_{Ru}	WGT	3.5/xx	2521 [N]		PN-EN 14566+A1:2012
	WGT	4.2/xx	2687 [N]		
	WGT	4.8/xx	3699 [N]		
Pull-out force – average destructive forces in the steel substrate (steel plate type S280GD) – N_{Ru}	WGB	3.5/xx	881 [N]		PN-EN 14566+A1:2012
	WGB	4.2/xx	965 [N]		
	WGB	4.8/xx	1601 [N]		
	BKW/BTKW	3.5/xx	703 [N]		
	BTKW	3.9/xx	730 [N]		
Bending behaviour	WGT	3.5/xx, 4.2/xx, 4.8/xx	No signs of cracks and scratches		PN-EN 14566+A1:2012
Average screwdriving/drilling time in the steel substrate (steel plate type S280GD)	WGB	3.5/xx	0.37 [s]		PN-EN 14566+A1:2012
	WGB	4.2/xx	0.49 [s]		
	WGB	4.8/xx	0.68 [s]		
	BKW/BTKW	3.5/xx	1.24 [s]		
	BTKW	3.9/xx	0.95 [s]		
Average hardness by Vickers [HV10] and Rockwell [HRC] method	WGT	3.5/xx	619.2 [HV10]	56.0 [HRC]	PN-EN ISO 6507-1:2007 PN-H-04357:1993
	WGT	4.2/xx	612.1 [HV10]	55.7 [HRC]	
	WGT	4.8/xx	697.6 [HV10]	60.0 [HRC]	
	WGB	3.5/xx	680.7 [HV10]	59.2 [HRC]	
	WGB	4.2/xx	697.6 [HV10]	60.0 [HRC]	
	WGB	4.8/xx	689.1 [HV10]	59.2 [HRC]	
	BKW/BTKW	3.5/xx	697.6 [HV10]	60.0 [HRC]	
	BTKW	3.9/xx	706.2 [HV10]	60.1 [HRC]	
Pull-through force – average destructive forces in the gypsum plasterboard substrate	WGT/WGB/BKW	3.5/xx, 4.2/xx, 4.8/xx	791 [N]		PN-EN 14566+A1:2012
Reaction to fire	WGT/WGB/BKW/BTKW	x/xx	A1		PN-EN 14566+A1:2012 PN-EN 13501-1+A1:2010

*xx – applies to any length of the specified diameter of the screw; x/xx – applies to any length and diameter of the screw.

8. Appropriate Technical Documentation and/or Specific Technical Documentation: *Test report No. LOK00-01810/15/Z000SK issued on 12th August 2015 by Zakład Elementów Konstrukcji Budowlanych i Budownictwa na Terenach Górniczych, Laboratorium Łączników i Wyróbów Budowlanych (LOK) Instytutu Techniki Budowlanej.*

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No. 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Jerzy Grobelny.....

[name]

in Krakow..... on 1st August 2018.....

[place]

[date of issue]

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PREZES Zarządu
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