

DECLARATION of PERFORMANCE

NR 01/SB/EN15048/2018



1. *Unique identification code of the product-type:* **Non-preloaded structural bolts SB;**
2. *Intended use:* **For assembly non-preloaded steel structure;**
3. *Name, registered trade name or registered trade mark and contact address of the manufacturer:*
Marcopol Sp. z o.o. Producent Śrub ul. Oliwska 100, 80-209 Chwaszczyno
Production place: **2-01-385**
4. *System or systems of assessment and verification of constancy of performance of the construction product:*
System of assessment 2+
5. *Harmonized standard:* **EN 15048-1:2008** *Notified Body:* **Nr 1453 - Główny Instytut Górniczy**
Certificate of Conformity Factory Quality Control number: 1453-CPR-1
6. *Declared performance:*

Essential characteristics	Performance	Technical specification
Product grade		
<i>Bolt</i>	A, B, C	EN ISO 4758
<i>Nut</i>	A,B	
Mechanical property		
<i>Bolt</i>	8.8	EN ISO 4014 EN ISO 4017
<i>Nut</i>	8 lub 10	EN ISO 4032
Assembly sets strenght : bolt - nut		
	Tenslie resistance	EN 15048-1
<i>M12</i>	70 kN	
<i>M14</i>	95.5 kN	
<i>M16</i>	130 kN	
<i>M18</i>	159 kN	
<i>M20</i>	203 kN	
<i>M22</i>	252 kN	
<i>M24</i>	293 kN	
<i>M27</i>	381 kN	
<i>M30</i>	466 kN	
<i>M33</i>	576 kN	
<i>M36</i>	678 kN	
Durability		
Hot-dip galvanized HDG	≥ 50 μm	EN 10684/ ISO 1461

7. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6

This declaration of performance is issued according to EU Regulation number 305/2011) under the sole responsibility of the manufacturer identified in point 3.


Chwaszczyno, 03.10.2018.

Signed by:

R&D Director

Janusz Kabała

Dyrektor Działu Rozwoju
Produktów



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