

**DECLARATION of PERFORMANCE**

**No 03/KL/ETA16-0716/2020**



1. *Unique identification code of the product-type:* **KL**
2. *Intended use:* **The MRP® three-dimensional nailing plates are intended to be used for connecting the mutually perpendicular, load-bearing, solid timber elements, in side-grain to side-grain configurations, in joints for which requirements for mechanical resistance and stability in the sense of the basic work requirement 1 of Regulation (EU) No 305/2011 shall be fulfilled.**
3. *Name, registered trade name or registered trade mark and contact address of the manufacturer:* **Marcopol Sp. z o.o. Producer of Bolts str. Oliwska 100, 80-209 Chwaszczyno Poland**
4. *System or systems of assessment and verification of constancy of performance of the construction product:* **System “2+” of assessment**
5. *European Technical Assessment:* **ETA 16/0716 issued 29.09.2016**  
*Technical Assessment Body:* **Instytut Techniki Budowlanej**  
*Notified Body:* **Number: 1488 - Instytut Techniki Budowlanej**
6. *Declared performance:*

| Essential characteristics   | Performance   | Technical specification     |
|---|---|-----------------------------|
| The characteristic load-carrying capacities of joints (Ring shank nails with the diameter $d \geq 4\text{mm}$ and the length $\geq 40\text{ mm}$ . Timber grade at least C24 according to EN 338) | <b>2,34 kN</b>  | <b>ETA 16/0716 annex B1</b> |
| Stiffness   | <b>No performance assessed</b>                                  | <b>ETA 16/0716</b>          |
| Ductility in cyclic testing   | <b>No performance assessed</b>                                  | <b>ETA 16/0716</b>          |
| Reaction to fire  | <b>class A1 (non-combustible products)</b>                      | <b>EN 13501-1</b>           |
| Resistance to fire  | <b>No performance assessed</b>                                  | <b>ETA 16/0716</b>          |
| Sustainable use of natural resources (BWR 7)  | <b>No performance assessed</b>                                  | <b>ETA 16/0716</b>          |
| Protection coating  | <b>Zinc coating <math>275\text{ g/m}^2</math> – Double side</b> | <b>EN 10346:2015</b>        |



marka która łączy

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 under the sole responsibility of the manufacturer identified in point 3.

Chwaszczyno, 26.10.2020

Signed by:

R&D Director

Janusz Kabała

Dyrektor Działu Rozwoju  
Produktów

*Janusz Kabała*  
Janusz Kabała