

DECLARATION of PERFORMANCE

No 03/KB/ETA16-0716/2020



1. *Unique identification code of the product-type:* **KB**
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) | 1.35 kN | ETA 16/0716 annex B1 |
| Stiffness | No performance assessed | ETA 16/0716 |
| Ductility in cyclic testing | No performance assessed | ETA 16/0716 |
| Reaction to fire | class A1 (non-combustible products) | EN 13501-1 |
| Resistance to fire | No performance assessed | ETA 16/0716 |
| Sustainable use of natural resources (BWR 7) | No performance assessed | ETA 16/0716 |
| Protection coating | Zinc coating 275 g/m^2 – Double side | EN 10346:2015 |



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
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