

DECLARATION of PERFORMANCE

No 03/LK/ETA16-0716/2020



1. *Unique identification code of the product-type:* **LK**
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)	17,91 kN	ETA 16/0716 annex B5
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

Kabała Janusz
Janusz Kabała