



## DECLARATION OF PERFORMANCE

Nr 1/2022

### 1. Identification codes of the product:

ŁIN, ŁIMO, ŁIMOX, ŁIPN, ŁIPMO, ŁIPMOX

### 2. Numbers of types of the products:

ŁIN 10x70, ŁIN 10x90, ŁIN 10x100, ŁIN 10x120, ŁIN 10x140, ŁIN 10x160, ŁIN 10x 180, ŁIN 10x200, ŁIN 10x220, ŁIN 10x260, ŁIN 10x300, ŁIN 10x350, ŁIN 10x400;

ŁIMO 10x70, ŁIMO 10x90, ŁIMO 10x100, ŁIMO 10x120, ŁIMO 10x140, ŁIMO 10x160, ŁIMO 10x180, ŁIMO 10x200, ŁIMO 10x220, ŁIMO 10x260, ŁIMO 10x300, ŁIMO 10x350, ŁIMO 10x400;

ŁIMOX 10x70, ŁIMOX 10x90, ŁIMOX 10x100, ŁIMOX 10x120, ŁIMOX 10x140, ŁIMOX 10x160, ŁIMOX 10x180, ŁIMOX 10x200, ŁIMOX 10x220, ŁIMOX 10x260, ŁIMOX 10x300, ŁIMOX 10x350, ŁIMOX 10x400;

ŁIPN 10x140, ŁIPN 10x160, ŁIPN 10x180, ŁIPN 10x200, ŁIPN 10x220, ŁIPN 10x260, ŁIPN 10x300, ŁIPN 10x350, ŁIPN 10x400;

ŁIPMO 10x140, ŁIPMO 10x160, ŁIPMO 10x180, ŁIPMO 10x200, ŁIPMO 10x220, ŁIPMO 10x260, ŁIPMO 10x300, ŁIPMO 10x350, ŁIPMO 10x400;

ŁIPMOX 10x140, ŁIPMOX 10x160, ŁIPMOX 10x180, ŁIPMOX 10x200, ŁIPMOX 10x220, ŁIPMOX 10x260, ŁIPMOX 10x300, ŁIPMOX 10x350, ŁIPMOX 10x400;

### 3. Intended use:

Fixing of external thermal insulation composite systems with rendering in concrete and in masonry

### 4. Name and address of the manufacturer:

Mag-Krak sp. z o.o.

Ul. K. Łowińskiego 7

31-752 Kraków

### 5. Name and address of the authorised representative:

Not applicable

### 6. System of assessment and verification of constancy of performance

2+

## 7. Institute of Building Technique, identification number - 1488:

- issued ETA-20/0849 on the basis of EAD 330196-01-0604.
- performed assessment of factory production control in system 2+
- issued Certificate of conformity of the factory production control no. 1488-CPR-0642/Z

## 8. Declared performance:

Essential characteristics	Performance	Harmonised technical specification
Characteristic resistance	acc to Table 1	ETA-20/0849 from 18.01.2022
Edge distances and spacing	acc to Table 2	ETA-20/0849 from 18.01.2022
Plate stiffness	0,20 kN/mm	ETA-20/0849 from 18.01.2022
Displacements	acc to Table 3	ETA-20/0849 from 18.01.2022
Point thermal transmittance	NPD	ETA-20/0849 from 18.01.2022

Table 1

	ŁIN	ŁIMO/ŁIMOX	ŁIPN	ŁIPMO/ŁIPMOX
Concrete C12/15. cat. A	0,55 kN	0,40 kN	0,30 kN	0,55 kN
Concrete C16/20 - C50/60. cat. A	0,80 kN	0,55 kN	0,45 kN	0,80 kN
Clay bricks, cat. B	1,00 kN	0,65 kN	0,45 kN	0,60 kN
Calcium silicate bricks, cat. B	0,40 kN	0,35 kN	0,25 kN	0,65 kN
Vertically perforated clay bricks, cat. C	0,10 kN	0,10 kN	0,15 kN	0,25 kN
Calcium silicate hollow blocks, cat. C	0,65 kN	0,40 kN	0,15 kN	0,25 kN
Lightweight concrete blocks, cat. D	0,20 kN	0,30 kN	0,15 kN	0,30 kN
Autoclaved concrete blocks, cat. E	-	0,10 kN	0,10 kN	0,10 kN



Table 2

	ŁIN, ŁIMO, ŁIMOX, ŁIPN, ŁIPMO, ŁIPMOX
Minimum spacing	100 mm
Minimum edge distance	100 mm

Table 3

	ŁIN	ŁIMO/ŁIMOX	ŁIPN	ŁIPMO/ŁIPMOX
Concrete C12/15. cat. A	0,40 mm	0,40 mm	0,32 mm	0,47 mm
Concrete C16/20 - C50/60. cat. A	0,70 mm	0,70 mm	0,34 mm	0,70 mm
Clay bricks, cat. B	1,00 mm	0,90 mm	0,36 mm	0,77 mm
Calcium silicate bricks, cat. B	0,42 mm	0,57 mm	0,10 mm	0,70 mm
Vertically perforated clay bricks, cat. C	0,09 mm	0,13 mm	0,06 mm	0,14 mm
Calcium silicate hollow blocks, cat. C	0,88 mm	0,70 mm	0,08 mm	0,25 mm
Lightweight concrete blocks, cat. D	0,13 mm	0,45 mm	0,07 mm	0,31 mm
Autoclaved concrete blocks, cat. E	-	0,08 mm	0,05 mm	0,04 mm

9. The performance of the product identified in points 1 and 2 is in conformity with th declared performance in point 8.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Marek Zdybicki

Plenipotentiary for FPC

Cracow, 20.01.2022



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Pełnomocnik ds. ZKP

Marek Zdybicki

Signature

*Marek Zdybicki*