



## DECLARATION OF PERFORMANCE

No. 20/2017

1. Unique identification code of the product-type:

**Aluminium\_Konin\_3103\_RYF**

2 Intended use or uses:

**Intended for internal and external loaded construction elements of buildings**

3. Manufacturer:

**Impexmetal S.A. Aluminium Konin ul. Hutnicza 1, 62-510 Konin**

4. System or systems of assessment and verification of constancy of performance:

**System 2+**

5. Harmonised standard

**EN 15088:2005**

Notified Institution:

**Zakłady Badań i Atestacji „ZETOM” im. prof. F. Stauba w Katowicach sp. z o.o., No. 1436**

6. Declared performance: Sheet and strip ribbed aluminium alloy EN AW-3103

Essential characteristics	Performance	Harmonised technical specification		
Tolerances on dimensions and shape PN-EN 1386	<b>Thickness tolerances</b>	PN-EN 15088:2005		
	Nominal thickness „t” [mm]		The maximum thickness tolerance for specified width [mm]	
			Up to and including 1600mm	
	≥1,2		2,5	±0,20
	>2,5		3,5	±0,30
	>3,5		5,0	±0,40
	<b>Width tolerances for sheet and strip</b>			
	Nominal thickness „t” [mm]		Width tolerance for specified width [mm]	
			Up to and including 1500mm	Over 1500mm up to and including 2500mm
	1,2≤t≤3,0		+1,5 0	+8 0
3,0≤t≤8,0	+3 0	+10 0		
t>8,0	+5 0	+8 0		
<b>Length tolerances for sheet</b>				
Nominal thickness „t” [mm]	Length tolerance for specified length [mm]			
	Up to and including 2000mm	Over 2000mm up to and including 5000mm	Over 5000mm	
1,2≤t≤3,0	+8 0	+10 0	+12 0	
3,0≤t≤8,0	+8 0	+10 0	+12 0	
t>8,0	+6 0	+8 0	+10 0	



Essential characteristics	Performance										Harmonised technical specification	
Mechanical properties PN-EN 1386	Temper	Specified thickness		Tensile strength R <sub>m</sub>		Yield strength R <sub>p0,2</sub>		Elongation A50 mm		Bend radiusa	PN-EN 15088:2005	
		[mm]		[MPa]		[MPa]		[%]				
	Over	Up to and including	min	max	min	max	min	max	90°			
	H224	1,2 1,5 3,0 6,0	1,5 3,0 6,0 20,0	115 115 115 115	175 175 175 175	75 75 75 75		3 4 5 6		10 1,25t 1,5t 2,5t -		
H244	1,2 1,5 3,0 6,0	1,5 3,0 6,0 20,0	140 140 140 140	195 195 195 195	110 110 110 110		2 3 4 5		7 1,25t 1,5t 2,5t -			
Weldability PN-EN 1999-1-1	Class I											
Bendability	Alloy	Temper										
		H224					H244					
	EN AW-3103	-					-					
Fatigue strength	NPD											
Dangerous substances PN-EN 573-3	No											
Durability rating PN-EN 1999-1-1	Class A											

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Paweł Rutecki  
Director of Development and Investment

Konin 8 July 2017r

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