

**DECLARATION OF PERFORMANCE**

No. 6/2021

1. Unique identification code of the product-type:

**Gränges\_Konin\_3003\_RYF**

2. Intended use or uses:

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

3. Manufacturer:

**Gränges Konin S.A., Bolesława Prusa 2 Street, 00-493 Warsaw, Poland**
**Correspondence address: Hutnicza 1 Street, 62-510 Konin, Poland**

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

**System 2+**

5. Harmonized standard:

**EN 15088: 2005**

Notified body/ies:

**Research and Certification Department „ZETOM” prof. F. Stauba in Katowice sp. z o.o.,**
**Notified Body number 1436**

6. Declared performance: Sheet and strip ribbed aluminium alloy EN AW-3003

Essential characteristics	Performance	Harmonized technical specification																		
Tolerances on dimensions and shape PN-EN 1386	<b>Thickness tolerances</b>	PN-EN 15088:2005																		
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<b>Width tolerances for sheet and strip</b>																				
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Essential characteristics	Performance										Harmonized technical specification	
Mechanical properties PN-EN 1386	Temper	Specified thickness [mm]		Tensile strength R <sub>m</sub> [MPa]		Yield strength R <sub>p0,2</sub> [MPa]		Elongation A50 mm [%]		Bend radius	PN-EN 15088:2005	
				min	max	min	max	min	max	90°		
	H224	Over	Up to and including									
		1,2	1,5	120	180	80		3		1t		
H244	1,5	3,0	120	180	80		4		1,25t			
	3,0	6,0	120	180	80		5		2t			
H244	6,0	20,0	120	180	80		6	10	-			
	1,2	1,5	140	200	115		2		1t			
H244	1,5	3,0	140	200	115		3		1,25t			
	3,0	6,0	140	200	115		4		2t			
H244	6,0	20,0	140	200	115		5	7	-			
Weldability PN-EN 1999-1-1	Class I											
Bendability	Alloy	Temper										
	EN AW-3003	H224				H244						
		-				-						
Fatigue strength	NPD											
Dangerous substances PN-EN 573-3	NO											
Durability rating PN-EN 1999-1-1	Class A											

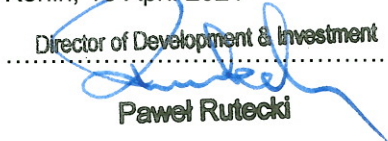
The performance of the product identified above is in conformity with the declared performance/s.  
This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011,  
under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Paweł Rutecki  
Director of Development and Investment

Konin, 13 April 2021

Director of Development & Investment



Paweł Rutecki