

DECLARATION OF PERFORMANCE

No. 33/2021

1. Unique identification code of the product-type:

Gränges_Konin_AK4C_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. Harmonised 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 AK4C cold rolled

Essential characteristics		Harmonized technical specification						
Tolerances on	Thickness tole	EN						
dimensions and shape according to	Nominal th	The maximum thickness tolerance for specified width [mm]				15088:2005		
EN 1386		Up to and including1600mm						
	≥2,0	2,5		±0,20				
	>2,5	3,5			±0,30			
	>3,5	4,0		±0,40				
	Width tolerance	es for sh						
	Nominal thickness "t" [mm]		Width tolerance for specific			d width [mm]		
			Up to and including1500mm		Over 1500mm up to and including 2500mm			
	2,0≤t≤3,0		+1,5		+8			
			0		0			
	3,0≤t≤4,0		+3		+10			
			0		0			
	Length tolerances for sheet							
					for specified			
		Nominal thickness "t" [mm]		Over 2000mm to and includin 5000mm		Over E000		
		ess "t"	Up to and including 2000mm	to and	including	Over 5000mm		
		ess "t"	including	to and 50	including	+12 0		



Essential characteristics		Harmonised technical specification								
Mechanical properties according to	Temper	Specified thickness		Tensile strength Rm [MPa]		Yield strength R _{p0,2} [MPa]		Elongation A50 mm		EN 15088:2005
internal documentation		Over	Up to and including	min	max	min	max	min	max	
	H224	2,0 3,0	3,0 4,0	130 130	180 180	75 75		8 10		
	H244	2,0 3,0	3,0 4,0	160 160	210 210	110 110		9		
Weldability IDT EN 1999-1-1				-				9		
Bendability				-,						
Fatigue strength	NPD									·
Dangerous substances according to Internal documentation			2	NO					a	
Durability rating IDT EN 1999-1-1	P			-						

The performance of the product identified above is in conformity with the declared performance/s. This declaration of performance is issued, an 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, 3 January 2022