

Declaration of Performance

Nr. RUS-S-007

1. Unique identification code of the product-type: MW-EN13162-T1-MU1-L42 (according to Table 1)

Table 1

Product name	Unit
RIO 5 ALU, RIO 10 ALU	Roll / Rola

2. Intended application

Thermal insulation for buildings (ThIB)

3. Manufacturer :

SAINT-GOBAIN CONSTRUCTION PRODUCTS RUS LLC

Smychka str ., 60 , 140301, Yegorievsk, Russia

4. Authorised representative

Not revelant

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

System 1 and system 3

6. a. Harmonised standard: EN 13162:2012 +A1:2015

Notified body Bureau Veritas Certification Denmark No. 0615 performed carried out the determination of the product type, the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of constancy of performance no. 0615-CPR-90268G.

Notified testing laboratory VTT Expert Services OY, with the accreditation No. T001 performed the test reports for the other relevant declared characteristics .

7. Declared performance

Table 1

Essential characteristics	Performance	Abrevia tion	Unit	Declared performance
Reaction to fire	Reaction to fire	RtF	Euroclass	A2-s1,d0
Realease of Dangerous Substances	Realease of Dangerous Substances			NPD
Acoustic absorption index	Sound absorption	α_p, α_w		NPD
Impact Noise Transmission Index	Dynamic stiffness	s'	MN/m ³	NPD
	Thickness	d_L	mm	NPD
	Compressibility	c	mm	NPD

	Air flow resistivity	AFr	kPa s/m ²	NPD
Direct airborne sound insulation index	Air flow resistivity/Rezistivitatea la trecerea aerului	AFr	kPa s/m ²	NPD
Continuous glowing combustion	Continuous glowing combustion			NPD
Thermal Resistance	Thermal Resistance	R _D	m ² K/W	Acc. To Table 3
	Thermal Conductivity	λ _D	W/(m K)	0, 042
	Thickness	d _N	mm	30-250
	Thickness Class	T	Class	T1
Water Permeability	Short term Water absorption	W _p	kg/m ²	NPD
	Long term water absorption	W _{lp}	kg/m ²	NPD
Water vapour permeability	Water vapour transmission	μ	-	1
Compressive strength	Compressive stress or compressive strength	CS	kPa	NPD
	Point Load	F _p	N	NPD
Durability of reaction to fire against heat, weathering, ageing/degradation	Reaction to fire	RtF	Euroclass	A2-s1,d0
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal Resistance	R _D	m ² K/W	Acc. To Table 3
	Thermal Conductivity	λ _D	W/(m K)	0, 042
	Thickness durability	d	mm	30-250
Tensile - Flexural strength	Tensile Strength perpendicular to faces	TR	kPa	NPD
Durability of compressive strength against heat, weathering, ageing/degradation	Compressive creep	X _{ct} , X _t	mm	NPD

Note

1 – NPD = No performance determined

Table 2

Performance	Abreviation/	Unit	Thickness	Declared performance
			mm	
Thermal Resistance	R _D	m ² K/W	30	0,70
			40	0,95
			50	1,15
			60	1,40
			70	1,65
			80	1,90
			90	2,10
			100	2,35
			110	2,60
			120	2,85

			130	3,05
			140	3,30
			150	3,55
			160	3,80
			170	4,00
			180	4,25
			190	4,50
			200	4,75
			210	5,00
			220	5,20
			230	5,45
			240	5,70
			250	5,95

8. Adequate technical documentation– not relevant

Product performance identified above is in accordance with the set of declared performance. This declaration of performance is issued in accordance with Regulation (EU) 305/2011, under the exclusive responsibility of the manufacturer identified above .

Signed for and on behalf of the manufacturer by:

Name and function: Quality Manager

Place and date of issue: Yegorievsk, Russia/ 29.12.2015

Signature: Chaschin, Sergey