

Declaration of Performance

Declaratia de Performanta

Nr. RUS-S-007

1. **Unique identification code of the product-type: MW-EN13162-T1-MU1-L42 (according to Table 1) / Cod unic de identificare al produsului –tip : MW-EN13162-T1-MU1-L42 (denumirile comerciale ale produselor sunt indicate in Tabelul 1):**

Table 1 / Tabel 1

Product name / Denumirea comerciala a produsului	Unit / Forma de comercializare
RIO 5 ALU, RIO 10 ALU	Roll / Rola

2. **Intended application / Utilizare preconizata**

Thermal insulation for buildings (ThIB) / Izolarea termica a cladirilor (ThIB)

3. **Manufacturer / Fabricant :**

SAINT-GOBAIN CONSTRUCTION PRODUCTS RUS LLC

Smychka str ., 60 , 140301, Yegorievsk, Russia

4. **Authorised representative / Reprezentant autorizat**

Not revelant / Nu este cazul

5. **System or systems of assessment and verification of constancy of performance/ Sistemele de evaluare si verificare a constantei performantei :**

System 1 and system 3 / Sistem 1 si sistem 3

6. **a. Harmonised standard / Standard armonizat : 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 / Organismul notificat Bureau Veritas Certification Denmark (numar de identificare 0615) a efectuat determinarea produsului – tip , inspectia initiala a fabricii si a controlului productiei in fabrica conform sistemului 1, supravegherea si evaluarea continua a controlului productiei in fabrica si a emis certificatul cu nr. 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 / Laboratorul VTT Expert Services OY, acreditat cu nr. de identificare T001 a emis rapoartele de incercari pentru celelalte caracteristici relevante declarate.

7. Declared performance / Performante declarate

Table 2 / Tabel 2

Essential characteristics / Caracteristici esentiale	Performance / Performanta	Abreviation/Symbol	Unit/Unitate de masura	Declared performance / Performanta declarata
Reaction to fire/Reactia la foc	Reaction to fire/Reactia la foc	RtF	Euroclass/Euroclasa	A2-s1,d0
Realease of Dangerous Substances / Emisia de substante periculoase	Realease of Dangerous Substances / Emisia de substante periculoase			NPD
Acoustic absorption index / Coeficientul de absorbtie acustica	Sound absorption/ Absorbtie acustica	α_p, α_w		NPD
Impact Noise Transmission Index / Indicele de transmisie a zgomotului de impact	Dynamic stiffness / Rigiditate dinamica	s'	MN/m ³	NPD
	Thickness / Grosime	d_L	mm	NPD
	Compressibility/ Compresibilitate	c	mm	NPD
	Air flow resistivity/Rezistivitatea la trecerea aerului	AFr	kPa s/m ²	NPD
Direct airborne sound insulation index / Indicele de absorbtie al zgomotului aerian	Air flow resistivity/Rezistivitatea la trecerea aerului	AFr	kPa s/m ²	NPD
Continous glowing combustion/Ardere cu incandescenta continua	Continous glowing combustion/Ardere cu incandescenta continua			NPD
Thermal Resistance / Rezistenta termica	Thermal Resistance/ Rezistenta termica	R_D	m ² K/W	Acc. To Table 3/Conform Table 3
	Thermal Conductivity / Conductivitate termica	λ_D	W/(m K)	0, 042
	Thickness / Grosime	d_N	mm	30-250
	Thickness Class / Nivel de toleranta pentru grosime	T	Class/Clasa	T1
Water Permeability / Absorbtia de apa	Short term Water absorption/Absorbtia de apa de scurta durata	W_p	kg/m ²	NPD
	Long term water absorption / Absorbtia de apa de lunga durata	W_{lp}	kg/m ²	NPD
Water vapour permeability / Permeabilitate la trecerea vaporilor de apa	Water vapour transmission / Factor de rezistenta la difuzia vaporilor de apa	μ	-	1
Compressive strength / Rezistenta la compresiune	Compressive stress or compressive strength / Efort de compresiune sau rezistenta la compresiune	CS	kPa	NPD

	Point Load / Sarcina concentrata	F_p	N	NPD
Durability of reaction to fire against heat, weathering, ageing/degradation / Durabilitatea reactiei la foc in raport cu caldura, conditiile climatice, imbatranirea/degradarea	Reaction to fire/Reactia la foc	RtF	Euroclass /Euroclasa	A2-s1,d0
Durability of thermal resistance against heat, weathering, ageing/degradation/ Durabilitatea rezistentei termice in raport cu caldura, conditiile climatice, imbatranirea/degradarea	Thermal Resistance / Rezistenta termica	R_D	$m^2 K/W$	Acc. To Table 3/Conform Table 3
	Thermal Conductivity / Conductivitate termica	λ_D	W/(m K)	0,042
	Thickness durability / Durabilitatea grosimii	d	mm	30-250
Tensile - Flexural strength / Rezistenta la tractiune perpendicular pe fete	Tensile Strength perpendicular to faces / Efortul de tractiune perpendicular pe fete	TR	kPa	NPD
Durability of compressive strength against heat, weathering, ageing/degradation / Durabilitatea rezistentei la compresiune in raport cu caldura, conditiile climatice, imbatranirea/degradarea	Compressive creep / Fluajul de compresiune	X_{ct}, X_t	mm	NPD

Note/Nota :

1 – NPD = No performance determined/ Nicio performanta declarata

Table 3 / Tabel 3

Performance /Performanta	Abreviation/ Simbol	Unit/Unitate de masura	Thickness/ Grosime	Declared performance / Performanta declarata
			mm	
Thermal Resistance/ Rezistenta termica	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/ Documentatie tehnica adecvata – not relevant / nu este cazul

Product performance identified above is in accordance with the set of declared performance/Performanta produsului identificat mai sus este in conformitate cu setul de performante declarate.

This declaration of performance is issued in accordance with Regulation (EU) 305/2011, under the exclusive responsibility of the manufacturer identified above / Aceasta declaratie de performanta este eliberata in conformitate cu Regulamentul (UE) 305/2011, pe raspunderea exclusiva a fabricantului identificat mai sus.

Signed for and on behalf of the manufacturer by / Semnata pentru si in numele fabricantului de catre:

Name and function/Nume si functie : Quality Manager

Place and date of issue / Data : Yegorievsk, Russia/ 29.12.2015

Signature/Semnatura : Chaschin, Sergey