

Declaration of Performance

EN. Nr. RO-B-037-001

1. Unique identification code of the product-type is given in Table 1 :

Table 1

Product name	Product form	Code of the product type
PLU	Board	MW-EN13162-T3-MU1-L37
PLU ALU	Board	MW-EN13162-T3-L37

2. Intended application :

Thermal insulation for buildings (ThIB).

3. Manufacturer :

SAINT-GOBAIN CONSTRUCTION PRODUCTS ROMANIA SRL

BUCURESTI, SOS. PIPERA, NR. 43, Cladirea Floreasca Park, corp A, etaj 3, birourile 25-41, sector 2.

4. Authorised representative

Not relevant

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

System 1 and system 3.

6. a. Harmonised standard: EN 13162:2012

Notified body AEROQ No. 1840 performed the determination of the product type, the initial inspection of the manufacturing plant and of the factory production control under system 1, the continuous surveillance, assessment and evaluation of the factory production control and issued certificate of constancy of performance for reaction to fire no. 1840-CPR-99/91/EC/0114-07.

Notified testing laboratory No.1486 performed the test reports for the other relevant declared characteristics.

7. Declared performance

Essential characteristics	Performance	Abreviation	Unit	Declared performance PLU	Declared performance PLU ALU
Reaction to fire	Reaction to fire	RfF	Euroclass	A1	A2-s1,d0
Realease of Dangerous Substances	Realease of Dangerous Substances			NPD	NPD
Acoustic absorption index	Sound absorption	α_p, α_w		NPD	NPD
I Impact Noise Transmission Index	Dynamic stiffness	s'	MN/m ³	NPD	NPD
	Thickness	d_L	mm	NPD	NPD
	Compressibility	c	mm	NPD	NPD
	Air flow resistivity	AFr	kPa s/m ²	NPD	NPD
Direct airborne sound insulation index	Air flow resistivity	AFr	kPa s/m ²	NPD	NPD
Continous glowing combustion	Continous glowing combustion			NPD	NPD
	Thermal Resistance	R _D	m ² KW	Table 2	Table 2

Thermal Resistance	Thermal Conductivity	λ_D	W/(m K)	0,042	0,042
	Thickness	d_N	mm	40 - 250	40 - 250
	Thickness Class	T	Class	T3	T3
Water Permeability	Short term Water absorption	W_p	kg/m ²	NPD	NPD
	Long term water absorption	W_{lp}	kg/m ²	NPD	NPD
Water vapour permeability	Water vapour transmission	μ	-	1	1
Compressive strength	Compressive stress or compressive strength	CS	kPa	NPD	NPD
	Point Load	F_p	N	NPD	NPD
Durability of reaction to fire against heat, weathering, ageing/degradation	Reaction to fire	RIF	Euroclass	A1	A2-s1,d0
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal Resistance	R_D	m ² K/W	Table 2	Table 2
	Thermal Conductivity	λ_D	W/(m K)	0,042	0,042
	Thickness durability	d	mm	40 - 250	40 - 250
Tensile/Flexural strength	Tensile Strength perpendicular to faces	TR	kPa	NPD	NPD
Durability of compressive strength against heat, weathering, ageing/degradation	Compressive creep	X_{ct}, X_t	mm	NPD	NPD

Nota :

1 – NPD = No performance declared

Table 2

Performance	Abreviation	Unit	Thickness	Declared performance
			mm	
Thermal Resistance	R_D	m ² K/W	40	1,05
			50	1,35
			60	1,60
			80	2,15
			100	2,70
			120	3,20

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.

Name : Ilie Marinela

Function: Manager Laborator

Place : Ploiesti

Date : 06 / 07 / 2016

Signature :

