

## Declaration of performance

**EN. Nr. RO-B-PM-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
PLE MAX	Slab	BPM
PLE MAX ALU	Slab	BPMALU

2. Intended application :

Thermal insulation for buildings (ThIB).

3. Manufacturer :

**SAINT-GOBAIN CONSTRUCTION PRODUCTS ROMANIA SRL**

**București, Sector 1, One United Tower, Calea Floreasca nr. 165, Etaj 10.**

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 + A1:2015

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/0868-24.

Notified testing laboratory No.1841 performed the test reports for the other relevant declared characteristics.

7. Declared performance

8.

Essential characteristics	Performance	Abreviation	Unit	Declared performance PLE MAX	Declared performance PLE MAX ALU
Reaction to fire	Reaction to fire	RtF	Euroclass	A1	A2-s1,d0
Release of Dangerous Substances	Release of Dangerous Substances			NPD	NPD
Acoustic absorption index	Sound absorption	$\alpha_p, \alpha_w$		NPD	NPD
Impact Noise Transmission Index	Dynamic stiffness	$s'$	MN/m <sup>3</sup>	NPD	NPD
	Thickness	$d_L$	mm	NPD	NPD
	Compressibility	c	mm	NPD	NPD
	Air flow resistivity	AFr	kPa s/m <sup>2</sup>	≥ 8	
Direct airborne sound insulation index	Air flow resistivity	AFr	kPa s/m <sup>2</sup>	≥ 8	

Continuous glowing combustion	Continuous glowing combustion			NPD	NPD
Thermal Resistance	Thermal Resistance	$R_D$	$m^2 K/W$	Table 2	Table 2
	Thermal Conductivity	$\lambda_D$	$W/(m K)$	0,037	0,037
	Thickness	$d_N$	mm	50 - 250	50 - 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	$\mu$	-	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	RtF	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	$\lambda_D$	$W/(m K)$	0,037	0,037
	Thickness durability			NPD	NPD
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**

Thermal Resistance $R_D$ , depending on the thickness													
Thickness [mm]	50	60	80	100	120	140	150	160	180	200	220	240	250
Thermal Resistance [ $m^2 K/W$ ]	1.35	1.60	2.15	2.70	3.20	3.75	4.05	4.30	4.85	5.40	5.90	6.45	6.75

## 9. 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: Quality Manager

Place : Ploiesti

Date : 07/15/2024

Signature :



## Izjava o lastnostih

### Nr. RO-B-PM-001

1. Enotna identifikacijska oznaka tipa proizvoda je navedena v Tabeli 1:

Tabela 1

Naziv proizvoda	Oblika proizvoda	Enotna identifik. oznaka
PLE MAX	Plošča	BPM
PLE MAX ALU	Plošča	BPMALU

2. Predvidena uporaba:

Toplotna izolacija za zgradbe (ThIB).

3. Proizvajalec:

SAINT-GOBAIN CONSTRUCTION PRODUCTS ROMANIA SRL

București, Sector 1, One United Tower, Calea Floreasca nr. 165, Etaj 10.

4. Pooblaščen zastopnik

Ni revalantno

5. Sistem ali sistemi ocenjevanja in preverjanja stalnosti učinka delovanja:

Sistem 1 in sistem 3.

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

Pooblaščen certifikacijski organ AEROQ No. 1840 je izvedel določitev tipa proizvoda, začetni pregled proizvodnih prostorov in nadzor tovarniške proizvodnje po sistemu 1, stalni nadzor, ocenjevanje in vrednotenje nadzora tovarniške proizvodnje ter izdal Potrdilo o stalnosti lastnosti za odpornost proti požaru št. 1840-CPR-99/91/EC/0868-24.

Pooblaščen testni laboratorij No.1841 je izdelal testna poročila za ostale relevantne deklarirane karakteristike.

7. Navedene lastnosti

Bistvene značilnosti	Lastnosti	Okrajšava	Enota	Deklarirana lastnost PLE MAX	Deklarirana lastnost PLE MAX ALU
Odpornost na požar	Odpornost na požar	RtF	Euroclass	A1	A2-s1,d0
Izpuščanje nevarnih snovi	Izpuščanje nevarnih snovi			NPD	NPD
Indeks akustične absorpcije	Absorpcija zvoka	$\alpha_p, \alpha_w$		NPD	NPD
Indeks prenosa udarnega zvoka	Dinamična togost	s'	MN/m <sup>3</sup>	NPD	NPD
	Debelina	d <sub>L</sub>	mm	NPD	NPD
	Stisljivost	c	mm	NPD	NPD
	Upornost zračnemu toku	AFr	kPa s/m <sup>2</sup>	≥ 8	
Indeks izolacije direktnega zvočnega toka	Upornost zračnemu toku	AFr	kPa s/m <sup>2</sup>	≥ 8	
Neprekinjeno izgorevanje s tlenjem	Neprekinjeno izgorevanje s tlenjem			NPD	NPD

Toplotna upornost	Toplotna upornost	$R_D$	$m^2 K/W$	Tabela 2	Tabela 2
	Toplotna prevodost	$\lambda_D$	$W/(m K)$	0,037	0,037
	Debelina	$d_N$	mm	50-250	50-250
	Toleranca debeline	T	Razred	T3	T3
Vodoprepustnost	Kratkoročna vodovpojnost	$W_p$	$kg/m^2$	NPD	NPD
	Dolgoročna vodovpojnost	$W_{lp}$	$kg/m^2$	NPD	NPD
Paropropusnost	Prolaz vodene pare	$\mu$	-	1	-
Tlačna trdnost	Tlačno naprezanje ili tlačna čvrstoća	CS	kPa	NPD	NPD
Trajnost upornosti na požar glede na vročino, vremenske vplive, staranje/razgradnjo	Točkovna obremenitev	$F_p$	N	NPD	NPD
Trajnost upornosti na požar glede na vročino, vremenske vplive, staranje/razgradnjo Trajnost toplotne upornosti glede na vročino, vremenske vplive, staranje/razgradnjo	Odziv na ogenj	RtF	Euroclass	A1	A2-s1,d0
	Toplotna upornost	$R_D$	$m^2 K/W$	Tabela 2	Tabela 2
Trajnost toplotne upornosti glede na vročino, vremenske vplive, staranje/razgradnjo	Toplotna prevodnost	$\lambda_D$	$W/(m K)$	0,037	0,037
Trajnost toplotne upornosti glede na vročino, vremenske vplive, staranje/razgradnjo Natezna/upogibna trdnost Trajnost tlačne trdnosti glede na vročino, vremenske vplive, staranje/razgradnjo	Stalnost debeline			NPD	NPD
	Natezna trdnost pravokotno na površino	TR	kPa	NPD	NPD
	Tlačno polzenje	$X_{ct}, X_t$	mm	NPD	NPD

Opomba

NPD = No Performance Declared - Lastnost ni navedena

**Tabela 2**

Toplotna upornost $R_D$ , v odvisnosti od debeline													
Debelina [mm]	50	60	80	100	120	140	150	160	180	200	220	240	250
Toplotna upornost [ $m^2 K/W$ ]	1.35	1.60	2.15	2.70	3.20	3.75	4.05	4.30	4.85	5.40	5.90	6.45	6.75

#### 8. Ustrezna tehnična dokumentacija – ni relevantno

Lastnosti zgoraj navedenega proizvoda so v skladu z določenimi deklariranimi lastnostmi.

Ta izjava o lastnostih je izdana v skladu z Uredbo (EU) 305/2011 z izključno odgovornostjo proizvajalca navedenega v točki 3.

Ime in priimek: Ilie Marinela

Položaj: Quality Manager, Vodja kontrole kakovosti

Kraj: Ploiesti

Datum : 15.07.2024

Podpis:

