

**DECLARATION OF PERFORMANCE**  
**N° 0001-104**

1. Unique identification code of the product-type:  
*Thermal insulation products for buildings*
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):  
*Eurobac, Protisol 05, Protisol 07 (See label)*
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:  
*Thermal insulation of buildings*
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):  
*SAINT-GOBAIN EUROCOUSTIC*  
*1, place Victor Hugo 92411 Courbevoie Cedex*  
[www.eurocoustic.com](http://www.eurocoustic.com)
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):  
*Not applicable*
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
*AVCP System 1 for reaction to fire*  
*AVCP System 3 for the other characteristics*
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:  
*Asociación Española de Normalización y Certificación, AENOR (Notified Organism N° 0099) carried out a determination of the standard product on the basis of type tests (including sampling); an initial inspection of the manufacturing establishment and factory production control; permanent monitoring, evaluation and assessment of factory production control, according to System 1 for reaction to fire.*  
  
*CEIS (Notified Body No 1722) has carried out a product type determination on the basis of type tests, according to system 3 for the other characteristics.*
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:  
*Not applicable*

9. Declared performance:

Essential characteristics		Performances	Harmonized technical specifications
		Eurobac, Protisol 05, Protisol 07	
Reaction to fire Euroclass characteristics	Reaction to fire	A1	EN 13162 : 2012 + A1 : 2015
Release of dangerous substances to the indoor environment	Release of dangerous substances	(a)	
Acoustic absorption index	Sound absorption	Protisol : NPD Eurobac : $\alpha_w=1$	
Impact noise transmission index (for floors)	Dynamic stiffness	NPD	
	Thickness, $d_L$	NPD	
	Compressibility	NPD	
	Air flow resistivity	NPD	
Direct airborne sound insulation index	Air flow resistivity	NPD	
Continuous glowing combustion	Continuous glowing combustion	(b)	
Thermal resistance	Thermal resistance and thermal conductivity	$R_D = 0.80 \text{ m}^2 \cdot \text{K}/\text{W}$ (30mm) $R_D = 1.35 \text{ m}^2 \cdot \text{K}/\text{W}$ (50mm) $\lambda D = 0.036 \text{ W}/(\text{m} \cdot \text{K})$	
	Thickness	T4	
Water permeability	Water absorption in short-term	NPD	
	Water absorption in long-term	NPD	
Water vapour permeability	Water vapour transmission	NPD	
Compressive strength	Compressive stress or compressive strength	NPD	
	Point load	NPD	
Durability of reaction to fire against heat, weathering, ageing/degradation	Durability characteristics	(c)	
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal resistance and thermal conductivity	(d)	
	Durability characteristics	(e)	
Tensile/Flexural strength	Tensile strength perpendicular to faces (f)	NPD	
Durability of compressive strength against ageing/degradation	Compressive creep	NPD	

- (a) Thermal insulation products must not release dangerous substances that exceed the maximum levels authorized in the European or national regulations. European test methods are being to establish
- (b) A test method is being to establish and, when it will be available, the standard will be changed
- (c) The fire performance of mineral wool does not deteriorate with time. The Euroclass classification of the product is related to the organic content, which cannot increase with time.
- (d) Thermal conductivity of mineral wool products does not change with time, experience has shown the fibre structure to be stable and the porosity contains no other gases than atmospheric air
- (e) For dimensional stability thickness only.

(f) This characteristic also covers handling and installation.

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Sir. Eric ESCALLETES

Director B.U. Eurocoustic Ceiling

Courbevoie, May 22, 2017

