

## DECLARATION OF PERFORMANCE

In compliance with n° 305/2011 the Construction Products Regulation  
DoP nr **296 EVO**

1. Unique identification code of the product-type:  
**296 EVO**
  
2. Intended use/es  
**Thermal insulation for buildings (ThIB)**
  
3. Manufacturer:  
Registered trade: **SAINT-GOBAIN PPC ITALIA S.p.A.**  
**Via Ettore Romagnoli, 6- 20146 Milano**  
  
Address of the manufacturer: **Via Donizetti 32/34- 24043 Vidalengo di Caravaggio (Bg)**  
  
[www.isover.it](http://www.isover.it)
  
4. Authorized representative:  
**Not applicable**
  
5. System/s of AVCP:  
**AVCP System 1 for reaction to fire**  
**AVCP System 3 for other characteristics**
  
- 6a. Harmonized standard:  
**EN 13162:2012+A1:2015**  
  
Notified body/ies:  
**CSI SpA (notified body n° 0497)**
  
- 6b. European Technical Document / European Technical Assessment / Technical Assessment Body /  
Notified body/ies:  
**Not applicable**

7. Declared performance/s:

All characteristics listed in the table hereunder are determined in harmonized standard  
**EN 13162:2012+A1:2015**

Essential characteristics			Performance	Harmonized Standard
		Measurement unit	① EVO EVO TWIN	EN 13162:2012+A1 :2015
Reaction to fire Euroclass Characteristics	Reaction to fire		A1	
Release of dangerous substances to the indoor environment	Emission of substance		(a)	
Acoustic absorption index	Sound absorption		NPD	
Transmission of sound insulation index (for floors)	Dynamic rigidity		NPD	
	Thickness $d_L$		NPD	
	Compressibility		NPD	
	Air flow resistivity		NPD	
Index sound insulation direct air	Resistivity to air flow		NPD	
Continuous glowing combustion	Continuous glowing combustion		(b)	
Thermal resistance	Thermal resistance	$m^2K/W$	1.40 to 5.70	
	Thermal Conductivity	$W/(m \cdot K)$	0.035	
	Thickness	mm	50 to 200	
Thickness tolerance		%/mm	T2	
Water permeability	Water absorption in the short term	$kg/m^2$	NPD	
	Water absorption in the long term		NPD	
Water vapour permeability	Water vapour diffusion resistance	$m^2hPa/mg$	MU1	
Compressive strength	Compressive stress or compressive strength		NPD	
	Point load		NPD	
Durability of reaction to fire against heat, weathering, aging / degradation	Characteristics of durability		(c)	
Durability of thermal resistance against ageing/degradation and against high temperature	Thermal resistance Thermal conductivity		(d)	
	Characteristics of durability		(e)	
Tensile strength / flex	Tensile strength perpendicular to the faces <sup>(f)</sup>		NPD	
Durability of compressive strength in relation to aging / degradation	Compressive strength		NPD	

NPD – not performance declared

- (a) Thermal insulation products must not develop dangerous substances above the maximum allowed by European regulations or local. European test methods are being developed.
- (b) A European test method is under development and the standard will be amended when this is available.
- (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
- (e) Only for the dimensional stability of the thickness.
- (f) This characteristic also affects the handling and installation.

8. Appropriated Technical Documentation and/or Specific Technical Documentation:  
**Not applicable**

The performance of the product identified above is in conformity with the set of declared performance/s.  
This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Giulio De Gregorio  
Direttore Generale Aggiunto Isover

Vidalengo, 07/04/2016

Firma

