

## DECLARATION OF PERFORMANCE

Pursuant to Building Products Regulation no. 305/2011

no. DoP-SONUS-02

1. Unique Identification Code of the product-type: **SONUS**
2. Intended use(s) in accordance with the relevant harmonised technical specification, as provided for by the manufacturer  
**Thermal Insulation for Buildings (ThIB)**
3. Name, registered trade name or registered trade mark and address of the manufacturer (pursuant to Article 11-5):  
**Registered Offices: SAINT-GOBAIN ITALIA S.p.A.  
Via Ettore Romagnoli 6 – 20146 Milan**  
  
**Plant: Via Donizetti 32/34 – 24043 Vidalengo di Caravaggio (BG)**  
  
[www.isover.it](http://www.isover.it)
4. Name and address of authorised representative:  
*Does not apply*
5. System(s) of assessment and verification of consistency of performance (AVCP) of the building product as per Annex V:  
**AVCP System 1 for reaction to fire AVCP  
System 3 for other characteristics**
6. Harmonised standard:  
**EN 13162:2012+A1:2015**  
  
**European Assessment Document (EAD)**  
*Does not apply*  
  
**European Technical Assessment (ETA)**  
*Does not apply*  
  
**Technical Assessment Body (TAB)**  
*Does not apply*  
  
**Notified Bodies**  
**CSI SpA (Notified Body no. 0497)**

### Saint-Gobain Italia S.p.A.

Soggetta ad attività di direzione e coordinamento di Saint-Gobain Produits pour la Construction S.A.S. Via Ettore Romagnoli, 6 20146 Milano · Italia  
Tel. +39 02 611151

Codice Fiscale e P. IVA 08312170155  
sg.ppc@legalmail.it  
Registro Imprese Milano Monza Brianza Lodi n. 08312170155  
R.E.A. MI -1212939  
Capitale sociale € 77.305.082,40

[www.gyproc.it](http://www.gyproc.it)  
[www.isover.it](http://www.isover.it)  
[www.it.weber](http://www.it.weber)  
[www.ecophon.it](http://www.ecophon.it)

7. Declared performance:

All characteristics listed in the table are determined according to the standard of harmonised standard **EN 13162:2012+A1:2015**

| Essential characteristics   |  |                      | Performanc  | Harmonised technical   |
|---|--|----------------------|-------------|------------------------|
|   |  | Unit of measure      | SONUS       |                        |
| Fire resistance Euro Classes characteristics                                  | Fire resistance  |                      | A1          | EN 13162:2012 +A1 2015 |
| Hazardous substances emission within premises                                 | Emission of hazardous substances                           |                      | (a)         |                        |
| Sound absorption index  | Sound absorption   |                      | NPD         |                        |
| Footfall sound transmission index (for floors)                                | Dynamic stiffness  |                      | NPD         |                        |
|   | Thickness dL   |                      | 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   | (m <sup>2</sup> K/W) | 1.15 – 1.80 |                        |
|   | Thermal conductivity                                       | W/(m·K)              | 0,038       |                        |
|   | Thickness  | mm                   | 45 – 70     |                        |
| Thickness tolerances  |  | % / mm               | T1          |                        |
| Water permeability  | Short-term water absorption                                | kg/m <sup>2</sup>    | WS          |                        |
|   | Long-term water absorption                                 |                      | NPD         |                        |
| Vapour permeability   | Vapour transmission  |                      | MU1         |                        |
| 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 heat resistance against heat, ageing / degradation              | Thermal resistance and thermal conductivity                |                      | (d)         |                        |
|   | Durability characteristics                                 |                      | (e)         |                        |
| Tensile / flexural strength   | Tensile strength perpendicular to the faces <sup>(f)</sup> |                      | NPD         |                        |
| Durability of compressive strength in relation to ageing / degradation        | Compressive strength                                       |                      | NPD         |                        |

- (a) Thermal insulation products must not develop hazardous substances above the maximum level permitted by European or local regulations. European testing methods are being developed.
- (b) A European testing method is being development and the standard will be amended when it will become available.
- (c) Fire performance of mineral fiber does not deteriorate with time. The Euroclass classification of the product is linked to its organic content, which cannot increase over time.

- (d) Thermal conductivity of mineral fiber products does not change over time. Experience has shown that the structure of the mineral fiber is stable and that its porosity contains no gases other than atmospheric air.
  - (e) Only for the dimensional stability of the thickness.
  - (f) This characteristic also regards handling and installation.
8. The performance of the product identified above complies with the set of declared performances. This Declaration of Performance is issued in accordance with Regulation (EU) 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:



Silvio Dardi  
Industrial Director  
Saint-Gobain Italia SpA  
Isover Activity

Vidalengo, 04/02/2020