

## DECLARATION OF PERFORMANCE

Pursuant to Building Products Regulation no. 305/2011

no. DoP-ARENA 34-01

1. Unique Identification Code of the product-type:  
[ARENA 34](#)
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 G. 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

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[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 the harmonised standard EN 13162:2012+A1:2015

Essential characteristics			Performance	Harmonised technical specification
		Unit of measure	ARENA34	EN 13162:2012 +A1:2015
Fire resistance Euro Classes characteristics	Fire resistance		A1	
Emission of hazardous substances within premises	Emission of hazardous substances		(a)	
Sound absorption index	Sound absorption		NPD	
Footfall sound transmission index (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)	1.30 – 2.05 – 2.75	
	Thermal conductivity	W/(m·K)	0,034	
	Thickness	mm	45 – 70 – 95	
Thickness tolerances		% / mm	T2	
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 weathering, ageing/ degradation	Heat 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:



Vidalengo, 04/02/2020

Silvio Dardi  
 Industrial Director  
 Saint-Gobain Italia SpA  
 Isover activity