

DECLARATION OF PERFORMANCE

DoP N°: ES0001-068 (en) 20161128

1. Unique identification code of the product-type:

02020102

ARENA CONFORT (See product label)

2. Intended use:

Thermal insulation of Building (ThIB)

3. Manufacturer:

SAINT-GOBAIN ISOVER IBÉRICA, S.L.

Av. Del Vidrio s/n, 19200 Azuqueca de Henares (Guadalajara-Spain)

www.isover.es

4. Name and contact address of the authorised representative:

Not applicable

5. System(s) of Assessment and Verification of Constancy of Performance of the construction product:

AVCP System 1 for Reaction to fire

AVCP System 3 for other characteristics

6. Harmonised standard: EN_13162:2012+A1:2015

Notified Body:

Asociación Española de Normalización y Certificación, AENOR (Notified Body n° 0099).

Performed the determination of the product-type on the basis of type testing (including sampling); initial inspection of the manufacturing plant and of factory production control; continuous surveillance, assessment and evaluation of factory production control; under system 1.

Centro de ensayos, innovación y servicios, CEIS (Notified Body n°1722).

Performed the determination of the product-type on the basis of type testing (based on sampling carried out by the manufacturer), under system 3.

7. Declared performance: Harmonised standard EN_13162:2012+A1:2015

Essential characteristics		Performance
Reaction to fire	<i>Reaction to fire</i>	A2-s1, d0
Release of dangerous substances to the indoor environment	<i>Release of dangerous substances</i> ^g	NPD
Acoustic absorption index	<i>Sound absorption</i> ^f	AW0,30 (15 mm) AW1 (≥100 mm)
Impact noise transmission index (for floors)	<i>Dynamic stiffness</i> ^f	NPD
	<i>Thickness, d_t</i>	T2
	<i>Compressibility</i>	NPD
	<i>Air flow resistivity</i>	AFr5
Direct airborne sound insulation index	<i>Air flow resistivity</i>	AFr5
Continuous Glowing combustion	<i>Continuous Glowing combustion</i>	NPD
Thermal resistance	<i>Thermal conductivity (λ)</i>	0,037
	<i>Thermal resistance</i> ^f	RD:0,40 (15 mm) RD:4,05 (150 mm)
	<i>Thickness</i>	T2
Water permeability	<i>Water absorption</i>	NPD
Water vapour permeability	<i>Water vapour transmission</i>	MU1
Compressive strength	<i>Compressive stress or compressive strength</i>	NPD
	<i>Point load</i>	NPD
Durability of reaction to fire against heat, weathering, ageing/degradation	<i>Durability characteristics</i> ^b	b
Durability of thermal resistance against heat, weathering, ageing/degradation	<i>Thermal resistance and thermal conductivity</i>	c
	<i>Características de durabilidad</i>	DS(23,90)
Tensile/Flexural strength	<i>Tensile strength perpendicular to faces</i> ^e	NPD
Durability of compressive strength against ageing/degradation	<i>Compressive creep</i>	NPD

^a No change in Reaction to fire properties for mineral wool products.

^b The fire performance of mineral wool does not deteriorate with time.

^c 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.

^d For thickness only.

^e This characteristic also covers handling and installation.

^f See product label: Thickness /performance.

^g An informative database of European and national provisions on dangerous substances is available at the Construction web site on EUROPA, accessed through: http://ec.europa.eu/enterprise/construction/internal/dangsub/dangmain_en.htm

8. Adequate technical documentation or specific technical documentation:

Not applicable

Product benefits identified above are consistent with the set of performance features. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.




Fernando Peinado Hernández
(Responsible Building Certification)
Azuqueca de Henares, 28/11/2016