

CLIMATE DECLARATION FOR ARENA

Declared unit: thermal insulation on 1 m² of product with a thermal resistance of 1 K.m².W⁻¹

The climate declaration shows the emissions of greenhouse gases, expressed as CO₂ equivalents. It is based on verified results from a lifecycle assessment (LCA) performed as basis for an EPD®, in accordance with ISO 14025.

Information about the product

This Climate Declaration describes the environmental impacts of 1 m² of mineral wool with a thermal resistance of 1.0 K*m²*W⁻¹.



Isover's mineral wool insulation (Glass wool, Stone wool, etc.) is used in buildings as well as industrial facilities. It ensures a high level of comfort, lowers energy costs derived from the use of the housing, minimizes carbon dioxide (CO₂) emissions, prevents heat loss through pitched roofs, walls, floors, pipes and boilers, reduces noise pollution and protects homes and industrial facilities from the risk of fire.

Mineral wool products last for the average building's lifetime (which is often set at 50 years), or as long as the insulated building component is part of the building.

Information about the company

The production site of Saint Gobain Isover Ibérica SL. in Azuqueca (Spain) uses raw materials of natural origin and abundant (i. e. volcanic rock or silica sand) in order to using fusion and fiberising techniques obtain mineral wool products. The products obtained from mineral wools are characterized by its lightness due to its air containing structure that keeps immobile between its intertwined filament.

Climate declaration

The table below presents the emission of greenhouse gases, calculated as kg of carbon dioxide equivalents using Global Warming Potential 100 years for different information modules:

A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
1.89E00	8.40E-02	9.80E-02	0	0	0	0	0	0	0	Irrelevant	1.82E-02	0	5.33E-03	MND*

*MND = Module not declared

Other environmental information

This declaration is limited to one impact category. For information about other relevant environmental impacts, see the certified EPD available at www.environdec.com.

Contact information

Saint Gobain Isover Ibérica SL.
Avenida del Vidrio S/N.
19200 Azuqueca de Henares
Spain



Contact: nicolas.bermejo@saintgobain.com
alfonso.diez@saint-gobain.com
Web: www.isover.es

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INDEPENDENT VERIFICATION OF THE DECLARATION AND DATA, ACCORDING TO ISO 14025: EXTERNAL VERIFIER: MARCEL GÓMEZ		APPROVED BY: THE INTERNATIONAL EPD SYSTEM	
LINK TO MORE INFORMATION: HTTP://ENVIRONDEC.COM/EN/DETAIL/EPD759			
CLIMATE DECLARATIONS FROM DIFFERENT PROGRAMS MAY NOT BE COMPARABLE			