PRODUCT ENVIRONMENTAL FOOTPRINT SUMMARY

THERMAFIBER® MINERAL WOOL INSULATION

SAFB™ UNFACED



Thermafiber® SAFB™ (Sound Attenuation Fire Blankets) are mineral wool insulation batts are engineered for use in commercial construction where sound control and fire protection are critical. Designed for installation in wood and steel stud interior and exterior wall cavities, interior partition walls, floor-ceiling assemblies, and other UL® fire-rated systems, SAFB™ helps enhance acoustic performance and contribute to improved STC for walls and floor-ceiling assemblies.

Declared/Functional Unit

1 m^2 of installed insulation material at R_{SI}=1

Results below represent an R-value of 1 in accordance with the standard unit reported in the Environmental Product Declaration (EPD).

	Global Warming Potential (total) Embodied Carbon	Ozone Depletion Potential	Smog Formation Potential	Acidification Potential	Eutrophication Potential Marine	Eutrophication Potential Freshwater	Depletion of Abiotic Resources (Fossil Fuels)
	kg CO_2 eq.	kg CFC 11 eq.	kg O_3 eq.	kg SO_2 eq.	kg N eq.	kg P eq.	MJ
Thermafiber® Mineral Wool Insulation – SAFB™ Unfaced							
A1- A3	**0.953**	4.95×10^{-8}	0.0854	0.0112	0.00229	3.16×10^{-5}	21.7
Total A1-A5, C1-C4	**1.14**	5.28×10^{-8}	0.103	0.0120	0.00246	3.29×10^{-5}	24.4

Reference Service Life	75 years
Validity Period	September 22, 2026 – September 21, 2031
Data Verification	✓ 3rd Party reviewed Life Cycle Assessment (LCA) ✓ 3rd party verified Environmental Product Declaration (EPD)
LCA Software	SimaPro 10.3.0.4
LCIA Methodology	TRACI 2.2 v1.00; IPCC 2013; CML baseline v4.7
LCI Database	ecoinvent 3.11
Manufacturing Location(s)	Joplin, Missouri, USA

For the full EPD or results for other products, visit Thermafiber® Mineral Wool EPD.
For additional product information, visit https://www.owenscorning.com/thermafiber

THERMAFIBER, INC.
ONE OWENS CORNING PARKWAY
TOLEDO, OH 43659 USA

888-TFIBER [834-2371]
www.owenscorning.com/thermafiber

Pub. No. 10025239-B, ©2026 Owens Corning. All Rights Reserved.