



PRODUCT ENVIRONMENTAL FOOTPRINT SUMMARY

ECOTOUCH® INSULATION FOR FLEXIBLE DUCT






FOR BUILDING APPLICATIONS

Owens Corning® EcoTouch® Insulation for Flexible Duct is a lightweight, flexible, resilient thermal and acoustical insulation made of inorganic glass fibers bonded with a thermosetting resin.

Declared/Functional Unit

1 m² 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 Embodied Carbon	Ozone Depletion Potential	Smog Formation Potential	Acidification Potential	Eutrophication Potential	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.	MJ
EcoTouch® Insulation for Flexible Duct Manufactured in Fairburn, GA						
A1- A3	0.670	1.13 x 10 ⁻⁸	0.033	0.0020	0.0023	10.8
Total A1-A5, C1-C4	0.694	1.16 x 10 ⁻⁸	0.035	0.0021	0.0023	11.1
EcoTouch® Insulation for Flexible Duct Manufactured in Waxahachie, TX						
A1- A3	0.854	1.17 x 10 ⁻⁸	0.032	0.0021	0.0021	12.0
Total A1-A5, C1-C4	0.887	1.21 x 10 ⁻⁸	0.034	0.0022	0.0021	12.4

Reference Service Life	75 years
Validity Period	12/09/2024 – 12/08/2029
Data Verification	✓ 3 rd Party reviewed Life Cycle Assessment (LCA) ✓ 3 rd party verified Environmental Product Declaration (EPD)
LCA Software	SimaPro 9.5.0.0
LCIA Methodology	TRACI 2.1 v1.08; CML I-A baseline v4.7; IPCC (2013)
LCI Database	ecoinvent 3.10.0
Manufacturing Location(s)	Fairburn, Georgia, USA; Waxahachie, Texas, USA

For the full EPD, visit <https://www.owenscorning.com/dms/10020524>

For additional product information, visit <https://www.owenscorning.com/en-us/insulation>

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