



PRODUCT ENVIRONMENTAL FOOTPRINT SUMMARY

LOOSEFILL INSULATION



Owens Corning® Loosefill Insulation is an alternative to roll or batt insulation in homes, for both new construction and retrofit applications.

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
Loosefill Insulation						
A1- A3	0.872	1.27 x 10 ⁻⁸	0.0387	0.00239	0.00262	11.4
Total A1-A5, C1-C4	0.937	1.39 x 10 ⁻⁸	0.0418	0.00255	0.00275	12.3

Reference Service Life	75 years
Validity Period	September 1, 2023 – August 31, 2028
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 3.9.1
Manufacturing Location(s)	Edmonton, Alberta, Canada; Toronto, Ontario, Canada; Mt. Vernon, Ohio, USA; Lakeland, Florida, USA; Kansas City, Kansas, USA

For the full EPD, visit <https://www.owenscorning.com/dms/10018099>

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

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