



PRODUCT ENVIRONMENTAL FOOTPRINT SUMMARY

ECOTOUCH® CERTIFIED R METAL BUILDING INSULATION






Owens Corning® EcoTouch® Certified R Metal Building Insulation is a light density fibrous glass blanket. EcoTouch® Certified R is labeled with both a pre-laminated and post-laminated R value.

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® Certified R Metal Building Insulation						
A1- A3	1.87	1.54 x 10 ⁻⁷	0.0651	0.00670	0.00242	22.9
Total A1-A5, C1-C4	2.19	1.65 x 10 ⁻⁷	0.0689	0.00688	0.00303	23.5

Reference Service Life	75 years
Validity Period	December 1, 2022 – November 30, 2027
Data Verification	✓ 3 rd Party reviewed Life Cycle Assessment (LCA) ✓ 3 rd party verified Environmental Product Declaration (EPD)
LCA Software	SimaPro 9.4
LCIA Methodology	TRACI 2.1 v1.05; CML I-A baseline v4.7; IPCC (2013)
LCI Database	ecoinvent 3.8
Manufacturing Location(s)	Newark, Ohio, USA

For the full EPD, visit <https://www.owenscorning.com/dms/10025827>

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

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