



PRODUCT ENVIRONMENTAL FOOTPRINT SUMMARY

FOAMULAR® NGX® XPS INSULATION






FOAMULAR® NGX® Insulation is a comprehensive line of rigid foam products that are easy to use, resist water absorption, deliver high compressive strength and maintain a high R-value throughout the life of the building.

Declared/Functional Unit

1 m² of installed insulation material at R_{S1}=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
700 Series Fiberglas™ Insulation						
A1- A3	6.58	2.00 x 10 ⁻⁵	0.161	0.0138	0.000828	65.2
Total A1-A5, C1-C4	9.85	2.00 x 10 ⁻⁵	0.166	0.0141	0.000862	66.7

Reference Service Life	75 years
Validity Period	January 10, 2024 – January 9, 2029
Data Verification	<ul style="list-style-type: none"> ✓ 3rd Party reviewed Life Cycle Assessment (LCA) ✓ 3rd party verified Environmental Product Declaration (EPD)
LCA Software	SimaPro 9.5.0.0
LCIA Methodology	TRACI 2.1 v1.08
LCI Database	ecoinvent 3.9.1
Manufacturing Location(s)	Tallmadge, Ohio, USA; Valleyfield, Quebec, Canada; Gresham, Oregon, USA; Rockford, Illinois, USA; Russellville, Arkansas, USA

For the full EPD, visit <https://www.owenscorning.com/dms/10024576>

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

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