



# 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 m<sup>2</sup> of installed insulation material at R<sub>SI</sub>=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 <sub>2</sub> eq.	kg CFC 11 eq.	kg O <sub>3</sub> eq.	kg SO <sub>2</sub> eq.	kg N eq.	MJ
700 Series Fiberglas™ Insulation						
A1- A3	6.58	2.00 x 10 <sup>-5</sup>	0.161	0.0138	0.000828	65.2
Total A1-A5, C1-C4	9.85	2.00 x 10 <sup>-5</sup>	0.166	0.0141	0.000862	66.7

<b>Reference Service Life</b>	75 years
<b>Validity Period</b>	January 10, 2024 – January 9, 2029
<b>Data Verification</b>	✓ 3 <sup>rd</sup> Party reviewed Life Cycle Assessment (LCA) ✓ 3 <sup>rd</sup> party verified Environmental Product Declaration (EPD)
<b>LCA Software</b>	SimaPro 9.5.0.0
<b>LCIA Methodology</b>	TRACI 2.1 v1.08
<b>LCI Database</b>	ecoinvent 3.9.1
<b>Manufacturing Location(s)</b>	Tallmadge, Ohio, USA; Valleyfield, Quebec, Canada; Gresham, Oregon, USA; Rockford, Illinois, 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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