



# PRODUCT ENVIRONMENTAL FOOTPRINT SUMMARY

## NATURAL POLYMERS OPEN CELL SPRAY POLYURETHANE FOAM INSULATION



Natural Polymers spray polyurethane foam (SPF) insulation products are engineered to provide a wide range of performance characteristics, including thermal comfort and sound control.

### 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
<b>Natural-Therm® 0.5, Ultra-Pure® Open Cell, Natural-Therm® Light</b>						
A1- A3	<b>0.818</b>	2.95 x 10 <sup>-5</sup>	0.0449	0.00307	0.00218	13.4
<b>Total A1-A5, C1-C4</b>	<b>1.04</b>	2.95 x 10 <sup>-5</sup>	0.0782	0.00413	0.00226	15.5

<b>Reference Service Life</b>	75 years
<b>Validity Period</b>	July 16, 2025 – July 15, 2030
<b>Data Verification</b>	<ul style="list-style-type: none"> <li>✓ 3<sup>rd</sup> Party reviewed Life Cycle Assessment (LCA)</li> <li>✓ 3<sup>rd</sup> party verified Environmental Product Declaration (EPD)</li> </ul>
<b>LCA Software</b>	SimaPro 9.6
<b>LCIA Methodology</b>	TRACI 2.1 v1.08; CML I-A baseline v4.7; IPCC (2013)
<b>LCI Database</b>	ecoinvent 3.10
<b>Manufacturing Location(s)</b>	Cortland, Illinois, USA

For the full EPD, visit <https://www.owenscorning.com/dms/10027906>

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

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