



PRODUCT ENVIRONMENTAL FOOTPRINT SUMMARY

FOAMULAR® XPS INSULATION



FOR BUILDING APPLICATIONS

Owens Corning® FOAMULAR® XPS Insulation is a comprehensive line of extruded polystyrene 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_{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
FOAMULAR® XPS Insulation						
A1- A3	15.3	3.43 x 10 ⁻⁵	0.176	0.014	0.00077	71.5
Total A1-A5, C1-C4	53.8	3.43 x 10 ⁻⁵	0.181	0.014	0.00080	73.0

Reference Service Life	75 years
Validity Period	January 10 th , 2024 – January 9 th , 2029
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, 2021)
LCI Database	ecoinvent 3.9.1
Manufacturing Location(s)	Monterrey, Mexico

For the full EPD, visit <https://www.owenscorning.com/dms/10018927>

For additional product information, visit <https://owenscorning.com.mx>

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