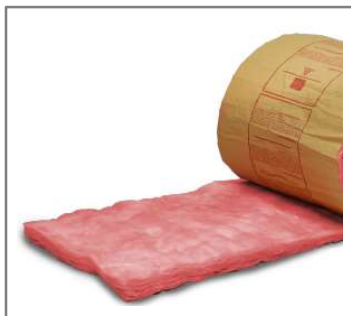




PRODUCT ENVIRONMENTAL FOOTPRINT SUMMARY

AISLHOGAR INSULATION






FOR BUILDING APPLICATIONS

Owens Corning® Aislhogar Insulation products manufactured in Mexico City are light-density fibrous glass blankets with excellent recovery, designed to be installed with or without an asphalt kraft paper facing for use in walls and ceilings to provide thermal and acoustic insulation in lightframe construction and manufactured housing.

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
Aislhogar Insulation - Unfaced						
A1- A3	1.20	7.81 x 10 ⁻⁸	0.057	0.0027	0.00030	11.0
Total A1-A5, C1-C4	1.50	8.65 x 10 ⁻⁸	0.060	0.0028	0.00089	11.5
Aislhogar Insulation – Asphalt Coated Kraft Faced						
A1- A3	1.27	8.87 x 10 ⁻⁸	0.064	0.0030	0.00041	11.9
Total A1-A5, C1-C4	1.57	9.86 x 10 ⁻⁸	0.068	0.0032	0.00100	12.5

Reference Service Life	75 years
Validity Period	December 1 st , 2022 – November 30 th , 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, 2021)
LCI Database	ecoinvent 3.8
Manufacturing Location(s)	Mexico City, Mexico

For the full EPD, visit <https://www.owenscorning.com/dms/10025819>
For additional product information, visit <https://www.owenscorning.com.mx>

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