



PRODUCT ENVIRONMENTAL FOOTPRINT SUMMARY

PINK NEXT GEN® FIBERGLAS™ INSULATION (KRAFT FACED)






Owens Corning® PINK Next Gen® Fiberglas™ Insulation, Kraft faced is a preformed, flexible blanket insulation. It is produced in R-values from 11 to 49, with thicknesses ranging from 3 ½ inches (88.9 mm) to 14 inches (356 mm).

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
PINK Next Gen® Fiberglas™ Insulation						
A1- A3	0.659	6.95 x 10 ⁻⁹	0.0311	0.00186	0.00341	8.73
Total A1-A5, C1-C4	0.692	7.54 x 10 ⁻⁹	0.0327	0.00194	0.00349	9.20
Kraft Facing A1-A5, C1-C4	0.181	5.68 x 10 ⁻⁹	0.0109	0.000657	0.00105	3.89
Insulation & Kraft Facing Total	0.873	1.32 x 10 ⁻⁸	0.0436	0.00260	0.00454	13.1

Reference Service Life	75 years
Validity Period	September 1, 2023 – August 31, 2028
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)
LCI Database	ecoinvent 3.9.1
Manufacturing Location(s)	Delmar, New York, USA; Fairburn, Georgia, USA; Newark, Ohio, USA; Nephi, Utah, USA; Waxahachie, Texas, USA; Kansas City, Kansas, USA

For the full EPD, visit <https://www.owenscorning.com/dms/10023059>

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

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