

PRODUCT ENVIRONMENTAL FOOTPRINT SUMMARY

PINK NEXT GEN® FIBERGLAS™ INSULATION

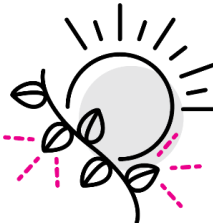



KRAFT FACED



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 (89 mm) to 14 inches (356 mm).

Declared/Functional Unit 1 m² insulation 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). Details on how to scale results to other R-values can be found in the full EPD.

						
	Global Warming Potential	Ozone Depletion Potential	Photochemical Ozone Creation Potential	Acidification Potential	Eutrophication Potential	Depletion of Abiotic Resources (Fossil Fuels)
	Embodied Carbon kg CO ₂ eq.	kg CFC 11 eq.	kg O ₃ eq.	kg SO ₂ eq.	kg N eq.	MJ
Insulation A1- A3 	0.659*	6.95 x 10 ⁻⁹	0.0311	0.00186	0.00341	8.73
Insulation 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

*This total is further reduced by use of 100% renewable electricity. See [SCS Global site](https://www.scsglobal.com) for current % reduction.



Insulation installed in a Chicago home
pays back in heating & cooling savings¹ in
less than

64

days,
equivalent to taking

5



off the road
every year.

Reference Service Life	75 years
Validity Period	09/01/2023 – 08/31/2028
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, 2021)
LCI Database	ecoinvent 3.9.1
Manufacturing Location(s)	Delmar, NY; Fairburn, GA; Newark, OH; Nephi, UT; Waxahachie, TX; Kansas City, KS

¹Savings vary. Details are available in section 7 of the EPD.

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

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