

PRODUCT ENVIRONMENTAL FOOTPRINT SUMMARY



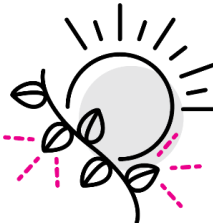
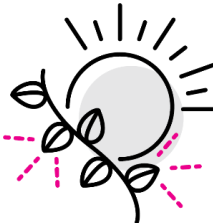
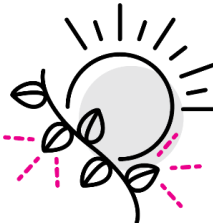




PINK NEXT GEN® FIBERGLAS™ INSULATION

FOIL FACED

Owens Corning® PINK Next Gen® Fiberglas™ Insulation, foil faced, is a preformed, flexible blanket insulation. It is produced in R-values from 13 to 30, with thicknesses ranging from 3 ½ inches (88.9 mm) to 10 inches (254 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 Embodied Carbon kg CO ₂ eq.	 Ozone Depletion Potential kg CFC 11 eq.	 Photochemical Ozone Creation Potential kg O ₃ eq.	 Acidification Potential kg SO ₂ eq.	 Eutrophication Potential kg N eq.	 Depletion of Abiotic Resources (Fossil Fuels) 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
Foil Facing A1-A5, C1-C4	0.527	6.19 x 10 ⁻⁸	0.0343	0.00273	0.00195	7.39
Insulation & Foil Facing Total	1.22	6.94 x 10 ⁻⁸	0.0670	0.00467	0.00544	16.6

*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 Chicago 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)	Fairburn, GA; 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/products/png-fiberglas-insulation>