

PRODUCT ENVIRONMENTAL FOOTPRINT SUMMARY

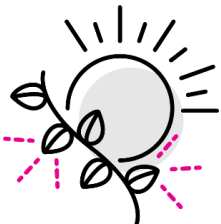

LOOSEFILL INSULATION



Owens Corning® Loosefill Insulation is an alternative to roll or batt insulation in homes, for both new construction and retrofit applications.

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 |
|--|--|--|--|---|---|--------------------------------------|---|
| | | | | | | | |
|  A1- A3 | 0.872* | | 1.27 x 10 ⁻⁸ | 0.0387 | 0.00239 | 0.00262 | 11.4 |
| Total A1-A5, C1-C4 | 0.937 | | 1.39 x 10 ⁻⁸ | 0.0418 | 0.00255 | 0.00275 | 12.3 |

*This total is further reduced by use of 100% wind electricity. See [SCS Global site](#) for current % reduction.



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

76

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) | Edmonton, AB; Mt. Vernon, OH; Lakeland, FL; Kansas City, KS; Toronto, ON |

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

For the full EPD, visit <https://www.owenscorning.com/dms/10018099>

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