



# PRODUCT ENVIRONMENTAL FOOTPRINT SUMMARY

## 700 SERIES FIBERGLAS™ INSULATION (UNFACED)






Owens Corning® 700 Series Fiberglas™ Insulation boards are made of inorganic glass fibers with a thermosetting resin binder and formed into semi-rigid or rigid rectangular boards.

### Declared/Functional Unit

1 m<sup>2</sup> of installed insulation material at R<sub>SI</sub>=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<br>Embodied Carbon                                       | Ozone Depletion Potential | Smog Formation Potential | Acidification Potential  | Eutrophication Potential | Depletion of Abiotic Resources (Fossil Fuels)                                       |
|                                  | kg CO <sub>2</sub> eq.  | kg CFC 11 eq.             | kg O <sub>3</sub> eq.    | kg SO <sub>2</sub> eq.   | kg N eq.                 | MJ  |
| 700 Series Fiberglas™ Insulation |   |                           |                          |  |                          |   |
| A1- A3                           | 6.21  | 1.41 x 10 <sup>-7</sup>   | 0.273                    | 0.021  | 0.0028                   | 110   |
| Total A1-A5, C1-C4               | 6.44  | 1.43 x 10 <sup>-7</sup>   | 0.282                    | 0.022  | 0.0029                   | 112   |

|                           |  |
|---------------------------|--|
| Reference Service Life    | 75 years   |
| Validity Period           | 12/09/2024 – 12/08/2029  |
| Data Verification         | ✓ 3 <sup>rd</sup> Party reviewed Life Cycle Assessment (LCA)<br>✓ 3 <sup>rd</sup> 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) | Newark, Ohio, USA  |

For the full EPD, visit <https://www.owenscorning.com/dms/10023869>

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

OWENS CORNING INSULATING SYSTEMS, LLC  
ONE OWENS CORNING PARKWAY  
TOLEDO, OH 43659 USA

1-800-GET-PINK®  
<http://www.owenscorning.com>