



# PRODUCT ENVIRONMENTAL FOOTPRINT SUMMARY

## QUIETR® DUCT BOARD






### FOR BUILDING APPLICATIONS

**Owens Corning® QuietR® Duct Board** is a rigid, resin bonded fibrous glass board with a tough, damage-resistant, reinforced aluminum foil (FRK) facing; with a durable mat air stream surface.

#### 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 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
QuietR® Duct Board						
A1- A3	4.48	9.49 x 10 <sup>-8</sup>	0.162	0.012	0.0103	73.6
Total A1-A5, C1-C4	4.69	9.65 x 10 <sup>-8</sup>	0.172	0.012	0.0103	75.5
QuietR® Duct Board with FRK and Fiberglass Mat Air Stream Surface						
A1- A3	5.29	1.04 x 10 <sup>-6</sup>	0.210	0.015	0.0108	83.9
Total A1-A5, C1-C4	5.54	1.04 x 10 <sup>-6</sup>	0.224	0.016	0.0108	86.2

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) ✓ 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 3.10.0
Manufacturing Location(s)	Waxahachie, Texas, USA

For the full EPD, visit <https://www.owenscorning.com/dms/10027616>

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>