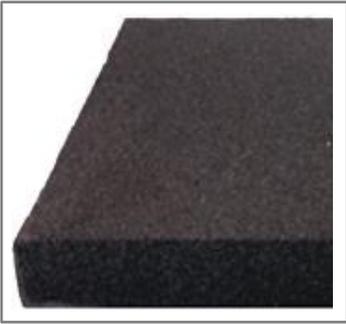




# PRODUCT ENVIRONMENTAL FOOTPRINT SUMMARY

## FOAMGLAS® CELLULAR GLASS INSULATION



### FOR BUILDING APPLICATIONS

Owens Corning® FOAMGLAS® Cellular Glass Insulation is a lightweight, rigid and durable material composed of glass cells. It is non-combustible, provides outstanding compressive strength, moisture resistance, dimensional stability and offers long-lasting thermal performance. This makes FOAMGLAS® insulation ideal for mission critical roofs.

#### 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
<b>FOAMGLAS® S3 Cellular Glass Insulation</b>						
A1- A3	<b>28.0</b>	2.21 x 10 <sup>-7</sup>	2.76	0.156	0.082	371
<b>Total A1-A5, C1-C4</b>	<b>29.0</b>	2.40 x 10 <sup>-7</sup>	2.81	0.158	0.087	386
<b>FOAMGLAS® T4+ Cellular Glass Insulation</b>						
A1- A3	<b>22.7</b>	1.79 x 10 <sup>-7</sup>	2.24	0.126	0.066	301
<b>Total A1-A5, C1-C4</b>	<b>23.5</b>	1.95 x 10 <sup>-7</sup>	2.28	0.128	0.070	313

<b>Reference Service Life</b>	75 years
<b>Validity Period</b>	03/26/2024 – 03/25/2029
<b>Data Verification</b>	<ul style="list-style-type: none"> <li>✓ 3<sup>rd</sup> Party reviewed Life Cycle Assessment (LCA)</li> <li>✓ 3<sup>rd</sup> party verified Environmental Product Declaration (EPD)</li> </ul>
<b>LCA Software</b>	SimaPro 9.5.0.0
<b>LCIA Methodology</b>	TRACI 2.1 v1.08; CML I-A baseline v4.7; IPCC (2013, 2021)
<b>LCI Database</b>	ecoinvent 3.9.1
<b>Manufacturing Location(s)</b>	Sedalia, Missouri, USA

For the full EPD, visit <https://www.owenscorning.com/dms/10027049>  
 For additional product information, visit <https://www.owenscorning.com/en-us/insulation/foamglas>

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