



PRODUCT ENVIRONMENTAL FOOTPRINT SUMMARY

SUPREME® ASPHALT SHINGLES






FOR BUILDING APPLICATIONS

Supreme® three-tab shingles are a smart choice to balance curb appeal and value during all four seasons. They consist of fiberglass mat impregnated and coated on both sides with filled asphalt and surfaced on the exposed-to-weather portion with mineral granules. They are self-sealing and serve as the primary weather barrier of a roof.

Declared/Functional Unit

1 m², corresponding to the amount of shingles required for 1 m² of constructed area.

						
	Global Warming Potential Embodied Carbon	Ozone Depletion Potential	Smog Formation Potential	Acidification Potential	Eutrophication Potential	Depletion of Abiotic Resources (Fossil Fuels)
	kg CO ₂ eq.	kg CFC 11 eq.	kg O ₃ eq.	kg SO ₂ eq.	kg N eq.	MJ
A1- A3	3.06	3.90 x 10 ⁻⁷	2.07 x 10 ⁻¹	1.52 x 10 ⁻²	1.12 x 10 ⁻³	116
Total A1-A3, C1-C4	3.20	3.92 x 10 ⁻⁷	2.20 x 10 ⁻¹	1.57 x 10 ⁻²	1.15 x 10 ⁻³	118

Validity Period	06/13/2025 – 06/13/2030
Data Verification	✓ 3 rd Party reviewed Life Cycle Assessment (LCA) ✓ 3 rd party verified Environmental Product Declaration (EPD)
LCA Software	SimaPro 9.6.0.1
LCIA Methodology	TRACI 2.1 v1.09; CML I-A baseline v4.7; IPCC (2013, 2021)
LCI Database	ecoinvent 3.10.0
Manufacturing Location(s)	Irving, TX, USA Medina, OH, USA Portland, OR, USA

For the full EPD, visit <https://www.owenscorning.com/dms/10027833>

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

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