



PRODUCT ENVIRONMENTAL FOOTPRINT SUMMARY

DURATION FLEX® ASPHALT SHINGLES






FOR BUILDING APPLICATIONS

Duration® Series Shingles stand out among architectural options thanks to our exclusive technology - a technological breakthrough in shingle design. They are self-sealing and serve as the primary weather barrier of a roof. SureNail® is a wide, highly visible engineered fabric strip in the nailing area. Duration FLEX® is a Class 4 impact-resistant, SBS polymer-modified asphalt shingle. The rubberizing effect of our uniquely blended SBS modified asphalt makes the shingles pliable and gives them flexibility, which helps them resist cracking and tearing in all four seasons.

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	4.05	8.62 x 10 ⁻⁷	2.57 x 10 ⁻¹	1.69 x 10 ⁻²	1.43 x 10 ⁻³	140
Total A1-A3, C1-C4	4.21	8.64 x 10 ⁻⁷	2.72 x 10 ⁻¹	1.75 x 10 ⁻²	1.47 x 10 ⁻³	142

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)	Denver, CO, USA Summit, IL, USA

For the full EPD, visit <https://www.owenscorning.com/dms/10027836>

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

Owens Corning Roofing and Asphalt, LLC
ONE OWENS CORNING PARKWAY
TOLEDO, OH 43659 USA

1-800-GET-PINK®
www.owenscorning.com