



DURO-LAST® SHINGLE-PLY® MEMBRANE

Product Environmental Profile

Duro-Last® Shingle-Ply membrane is an excellent choice for projects requiring a long lasting, aesthetically appealing roofing membrane that duplicates the look of shingles. The membrane is available in roll goods and also offers a complete line of custom prefabricated accessories for the Shingle-Ply 50 mil membrane. The Shingle-Ply membrane incorporates a weft-inserted knitted scrim to provide exceptional strength and waterproofing.

Environmental Facts:



POST-INDUSTRIAL RECYCLING

Up to 100% recyclable. Post-industrial scrap from the manufacturing of Duro-Last Shingle-Ply is recycled into resilient flooring.



RECYCLED CONTENT

Contains up to 6% post-industrial and 0% post-consumer recycled content.



END-OF-LIFE RECYCLING

Mechanically fastened membranes can be taken back and recycled into resilient flooring.



SOLAR READY

Is solar ready with low-maintenance custom fabricated flashings which are ideal for any rack-mounted commercial rooftop solar application.

Duro-Last membranes are tested for radiative properties by the Cool Roof Rating Council.

Cool Roof Rating Council (CRRC)						
	Solar Reflectance		Thermal Emittance		Solar Reflective Index (SRI)	
	Initial	3-Year	Initial	3-Year	Initial	3-Year
Slate Gray	0.29	0.32	0.88	0.91	30	35
Sandstone	0.24	0.24	0.88	0.91	23	25

Product Environmental Profile: Duro-Last Shingle-Ply 50 mil

The Duro-Last Shingle-Ply roofing system can help buildings obtain credits under the U.S. Green Building Council’s LEED® (Leadership in Energy and Environmental Design) rating system, as well as GBI’s (Green Building Institute) Green Globes certification. Both programs promote sustainable building management and construction practices.

LEED® Contributions (version 4)			
Program	Category	Credit	Contribution
LEED BD+C: New Construction	Materials & Resources	MRc2: Building product disclosure & optimization - environmental product declaration	Duro-Last participated in an industry-wide environmental product declaration which contributes to this credit.
		MRc3: Building product disclosure & optimization - sourcing of raw materials	Duro-Last offers a take-back program so old roofs can be recycled into new product. The Shingle-Ply product also contains at least 6% pre-consumer recycled content
Green Globes New Construction	Materials & Resources	MRc3: Purchasing - facility maintenance & renovation	Duro-Last offers a take-back program so old roofs can be recycled into new product. Duro-Tuff also contains post-industrial recycled content.
		MRc5: Solid waste management - facility maintenance & renovation	Duro-Last offers a take-back program so old roofs can be recycled into new product to help increase the project’s waste diversion rate.

Green Globes® Contributions (version 2.2)			
Program	Category	Credit	Contribution
Green Globes New Construction	3.2.2 Ecological Impacts	3.2.2.4 Heat island effect	Duro-Last Shingle-Ply roofs can be installed under a vegetative roof.
	3.5.6 Resource Conservation	3.5.6.1 Minimized use of raw materials	Custom fabricated accessories help reduce waste created onsite.
	3.5.7 Building Envelope – Roofing/ Openings	3.5.7.1 Roofing membrane assemblies and systems	Most Duro-Last Shingle-Ply roofs are inspected by a trained QA technical representative.
		3.5.7.2 Flashings	Most Duro-Last Shingle-Ply flashings, provided by EXCEPTIONAL® Metals, are inspected by a trained QA technical representative.
	3.5.10 Envelope – Barriers	3.5.10.1 Air barriers	Duro-Guard® Soprovap’r is a self-adhesive vapor membrane that works as an air barrier to stop thermal discontinuities.
		3.5.10.2 Vapor retarders	Duro-Guard Soprovap’r is an air barrier as well as a vapor retarder.



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