Duro-Last® EV membrane is an excellent choice for low-slope roof projects requiring a long lasting, energy efficient roofing product. A complete line of custom prefabricated accessories is available for the Duro-Last EV 50 mil and 60 mil membranes. The Duro-Last EV 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 EV is recycled into concrete expansion joints.

- **GREEN CODES**: Complies with California Title 24, IgCC, and efficiency programs requiring the use of a highly reflective roof membrane.

- **END-OF-LIFE RECYCLING**: Mechanically fastened membranes can be taken back and recycled into new products.

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

- **ENERGY EFFICIENT**: Duro-Last EV white reflective roofs, when designed and installed properly, can help increase energy efficiency, especially during periods of peak demand.

- **SUSTAINABILITY CERTIFICATION**: The Duro-Last EV membrane is NSF 347 gold certified as a more durable, energy efficient, and sustainable, single-ply membrane product.

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

<table>
<thead>
<tr>
<th></th>
<th>Solar Reflectance</th>
<th>Thermal Emittance</th>
<th>Solar Reflective Index (SRI)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Initial</td>
<td>3-Year</td>
<td>Initial</td>
</tr>
<tr>
<td>White</td>
<td>0.86</td>
<td>Pending</td>
<td>0.89</td>
</tr>
</tbody>
</table>

Cool Roof Rating Council (CRRC)
Product Environmental Profile: Duro-Last EV
The Duro-Last EV 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)

<table>
<thead>
<tr>
<th>Program</th>
<th>Category</th>
<th>Credit</th>
<th>Contribution</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sustainable Sites</td>
<td>SSs5: Heat island reduction</td>
<td>Initial Solar Reflective Index white membrane: 108 Duro-Last EV roofs can also be installed under a vegetative roof.</td>
</tr>
<tr>
<td>LEED Design &amp; Construction</td>
<td>Energy &amp; Atmosphere</td>
<td>EA2: Optimize energy performance</td>
<td>Cool roofs can help reduce heating and cooling loads which reduces building energy consumption.</td>
</tr>
<tr>
<td></td>
<td>Materials &amp; Resources</td>
<td>MRc1: Building life-cycle</td>
<td>The Duro-Last EV life-cycle assessment (LCA) is featured in the Athena Sustainable Materials Institute’s Building Impact Estimator so project teams can easily model a whole building LCA</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MRc2: Building product</td>
<td>Duro-Last EV has a 3rd party verified environmental product declaration (EPD), which is valued as one whole product.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>disclosure &amp; optimization</td>
<td>Duro-Last offers a take-back program so old roofs can be recycled into new product.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>sourcing of raw materials</td>
<td>Duro-Last offers a take-back program so old roofs can be recycled into new product.</td>
</tr>
<tr>
<td></td>
<td>Sustainable Sites</td>
<td>SSs3: Heat island reduction</td>
<td>Initial Solar Reflective Index white membrane: 108 Duro-Last EV roofs can also be installed under a vegetative roof.</td>
</tr>
<tr>
<td>LEED O+M: Existing</td>
<td>Energy &amp; Atmosphere</td>
<td>EA4: Optimize energy performance</td>
<td>Cool roofs can help reduce heating and cooling loads which reduces building energy consumption.</td>
</tr>
<tr>
<td>Buildings</td>
<td>Materials &amp; Resources</td>
<td>MRc3: Purchasing - facility</td>
<td>Duro-Last offers a take-back program so old roofs can be recycled into new product.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>maintenance &amp; renovation</td>
<td>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. and can be recycled into concrete expansion joints.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MRc5: Solid waste management</td>
<td>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. and can be recycled into concrete expansion joints.</td>
</tr>
<tr>
<td></td>
<td>Pilot Credit</td>
<td>Certified multi-attribute</td>
<td>Duro-Last EV is NSF/ANSI 347 gold certified, and has achieved two points in credit 5.2.2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>products &amp; materials</td>
<td>Duro-Last EV is NSF/ANSI 347 gold certified, and has achieved two points in credit 5.2.2</td>
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</tbody>
</table>

### Green Globes® Contributions (version 2.2)

<table>
<thead>
<tr>
<th>Program</th>
<th>Category</th>
<th>Credit</th>
<th>Contribution</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>3.2.2 Ecological Impacts</td>
<td>3.2.2.4 Heat island effect</td>
<td>Initial Solar Reflective Index white membrane: 108 Duro-Last EV roofs can also be installed under a vegetative roof.</td>
</tr>
<tr>
<td>Green Globes</td>
<td>3.5.1 Building Core &amp; Shell</td>
<td>3.5.1.1 Path A: Performance</td>
<td>The Duro-Last EV LCA is featured in the Athena Sustainable Materials Institute’s Building Impact Estimator so project teams can easily model a whole building LCA</td>
</tr>
<tr>
<td>New Construction</td>
<td></td>
<td>path for building core &amp; shell</td>
<td>Duro-Last EV is NSF/ANSI 347 gold certified, and has a brand specific 3rd-party verified EPD to comply with this credit.</td>
</tr>
<tr>
<td></td>
<td>3.5.12 Path B: Prescriptive</td>
<td></td>
<td>Duro-Last EV is NSF/ANSI 347 gold certified, and has a brand specific 3rd-party verified EPD to comply with this credit.</td>
</tr>
<tr>
<td></td>
<td>path for building core &amp; shell</td>
<td></td>
<td>Duro-Last EV is NSF/ANSI 347 gold certified, and has a brand specific 3rd-party verified EPD to comply with this credit.</td>
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<tr>
<td></td>
<td>3.5.6 Resource</td>
<td>3.5.6.1 Minimized use of raw</td>
<td>Custom fabricated accessories help reduce waste created onsite.</td>
</tr>
<tr>
<td></td>
<td>Conservation</td>
<td>materials</td>
<td>Custom fabricated accessories help reduce waste created onsite.</td>
</tr>
<tr>
<td></td>
<td>3.5.7 Building Envelope –</td>
<td>3.5.7.1 Roofing membrane</td>
<td>Most Duro-Last EV roofs are inspected by a trained QA technical representative.</td>
</tr>
<tr>
<td></td>
<td>Roofing/ Openings</td>
<td>assemblies and systems</td>
<td>Most Duro-Last EV flashings, provided by EXCEPTIONAL® Metals, are inspected by a trained QA technical representative.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3.5.7.2 Flashings</td>
<td>Most Duro-Last EV flashings, provided by EXCEPTIONAL® Metals, are inspected by a trained QA technical representative.</td>
</tr>
<tr>
<td></td>
<td>3.5.10 Envelope - Barriers</td>
<td>3.5.10.1 Air barriers</td>
<td>Duro-Guard® Sopravap’r is a self-adhesive vapor membrane that works as an air barrier to stop thermal discontinuities.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3.5.10.2 Vapor retarders</td>
<td>Duro-Guard Sopravap’r is an air barrier as well as a vapor retarder.</td>
</tr>
</tbody>
</table>