

# CANADIAN AFP SUSTAINABLE DESIGN SHEET: LINOLEUM

## SECTION I. PRODUCT IDENTIFICATION

Product Name: Armstrong<sup>®</sup> Flooring Products  
Description: Linoleum

**To reduce** waste and embrace recycling in all our operations, and to dispose of waste materials in an environmentally-responsible manner.

## SECTION II. ENVIRONMENTAL POLICY

### Key Requirements:

Our policy on the environment is:

**To exercise** care in the selection and use of energy and raw materials.

**To provide** for environmental safety in our workplaces and communities.

**To be prepared** for emergencies and to act promptly and responsibly to protect people and the environment.

**To ensure** all products conform to safety, environmental and quality standards.

## SECTION III. LEED<sup>®</sup> SUMMARY

This credit summary is for Armstrong Linoleum. Listed below are the credits in LEED for New Construction (LEED CANADA-NC) and LEED for Commercial Interiors (LEED CANADA-CI) that are applicable to linoleum flooring products.

<p><b>MATERIALS AND RESOURCES</b></p> <p>.....</p> <p><b>MR Credit 4.1, 4.2 - RECYCLED CONTENT</b></p> <p><b>LEED CANADA-NC</b> (7.5% &amp; 15% post-consumer + 1/2 preconsumer)</p> <p><b>LEED CANADA-CI</b> (10% &amp; 20% post-consumer + 1/2 preconsumer)</p>	<p><b>Intent:</b> Increase the demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin materials.</p> <p><b>Requirement:</b> LEED CANADA-NC – Use materials with recycled content such that the sum of the post-consumer recycled contents plus one-half of the preconsumer (post-industrial) content constitutes at least 7.5% or 15% of the total value of the materials in the project.</p> <p>LEED CANADA-CI – Use materials with recycled content such that the sum of the post-consumer recycled contents plus one-half of the preconsumer (post-industrial) content constitutes at least 10% or 20% of the total value of the materials in the project.</p> <p>Armstrong Linoleum contains 35% preconsumer recycled content in the form of wood dust and cork flour. The Armstrong Linoleum plant is ISO 14001 certified and they have an aggressive program to reuse all internal plant scrap and reduce environmental emissions to air and solid waste.</p>
<p><b>MR Credit 6: Rapidly Renewable Materials</b></p>	<p><b>Intent:</b> Reduce the use and depletion of finite raw materials and long-cycle renewable materials by replacing them with rapidly renewable materials.</p> <p><b>Requirement:</b> LEED CANADA-NC - Use rapidly renewable building materials and products (made from plants that are typically harvested within a ten-year cycle or shorter) made for 5% of the total value of all materials and product used in the project.</p> <p>LEED CANADA-CI – Use rapidly renewable construction and Division 12 (Furniture and Furnishings) materials and products, made from plants that are typically harvested within a 10-year or shorter cycle, for 5% of the total value of all materials and products used in the project.</p> <p>Armstrong Linoleum contains 36% rapidly renewable content comprised of cork, linseed oil and jute backing.</p>

<p><b>INDOOR ENVIRONMENTAL QUALITY</b></p> <p>.....</p> <p><b>EQ Credit 4.1: Low Emitting Materials: Adhesives and Sealants</b></p>	<p><b>Intent:</b> Reduce the quantity of indoor air contaminants that are odorous, irritating and/or harmful to the comfort and well-being of installers and occupants.</p> <p><b>Requirement:</b> All adhesives and sealants used on the interior of the building shall comply with the requirements of the South Coast Air Quality Management District Rule #1168. Aerosol adhesives must meet the Green Seal Standard for Commercial Adhesives.</p> <p>Armstrong® commercial adhesives meet the requirements set forth in the SCAQMD Rule #1168 (with the exception of S-89) and are considered by this standard a low-emitting adhesive.</p>
<p><b>EQ Credit 4.3: Low Emitting Materials: Carpet Systems (Alternative Credit for Resilient Flooring)</b></p>	<p><b>Intent:</b> Reduce the quantity of indoor air contaminants that are odorous, irritating and / or harmful to the comfort and well-being of installers and occupants.</p> <p><b>Requirement:</b> Under a credit interpretation ruling, CaGBC approved FloorScore™ program certified hard surface flooring products as an alternative compliance path to LEED® credit EQ4.3 Low-Emitting Materials: Carpet Systems. To achieve the LEED credit, a minimum of 25% of the finished floor area of a building must be comprised of resilient floor products, and 95% of the resilient floor products must be FloorScore certified (Greenguard and Greenguard Children and Schools is also acceptable). Additionally, all components of the resilient floor system including adhesives, sealants and backing must meet the requirements of EQ Credit 4.1.</p> <p>All Armstrong Resilient Flooring Products are independently tested and certified as low-emitting products under the FloorScore program.</p>

**ecoscorecard<sup>SM</sup>**

Quickly evaluate Armstrong products and create your project documentation at [armstrong.com/flooring](http://armstrong.com/flooring) and click on the link to EcoScorecard<sup>SM</sup>.

**The knowledge and technical support you need to bring your vision to life.**

Visit [armstrong.com/flooring](http://armstrong.com/flooring) or  
 Call **1 877 ARMSTRONG (276 7876)**  
 Choose option **2** to:  
 Talk to a **TechLine Flooring Expert**  
 Contact your **Local Armstrong Flooring Representative**  
 Order **Samples and Literature**

