

# CANADIAN AFP SUSTAINABLE DESIGN SHEET: BIOBASED TILE™

## SECTION I. PRODUCT IDENTIFICATION

Product Name: Armstrong™ Flooring Products  
Description: BioBased Tile™ (BBT™)

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.
- To reduce** waste and embrace recycling in all our

## SECTION III. LEED® SUMMARY

This credit summary is for Armstrong BioBased Tile. 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 tile 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 Biobased Tile contains 10% preconsumer recycled content in the form of recycled limestone.</p>
<p><b>MR Credit 5.1, 5.2 REGIONAL MATERIALS</b></p> <p><b>LEED CANADA-NC – 10% &amp; 20% Extracted &amp; Manufactured Locally</b></p> <p><b>LEED CANADA CI – 10% &amp; 20% Extracted &amp; Manufactured Locally</b></p>	<p><b>Intent:</b> Increase demand for building materials and products that are extracted and manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from transportation.</p> <p><b>Requirement:</b> LEED CANADA-NC – Use a minimum of 10% or 20% of building materials where: 1. 80% of the mass is extracted, processed and manufactured within 800 km of the project site; 2. 80% of the mass is extracted, processed and manufactured within 2400 km of the project site and shipped by rail or water; 3. the building materials or products reflect a combination of #1 and #2.</p> <p>LEED CANADA-CI – Use a minimum of 20% of all construction and Division 12 (furniture) materials and products that are manufactured regionally within a radius of 500 miles.</p> <p>Armstrong BioBased Tile is manufactured in Jackson, Mississippi.</p>

[ Between us, ideas become reality. ]®



<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™ BioBased Tile™ contains BioStride™, a revolutionary patent-pending polymer with 2% rapidly renewable content, based on the weight of the composite tile.</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>

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