

LEED® 2009 Certification Contributions

Armstrong Flooring solutions can help today’s green buildings be more resource efficient, and safer, healthier places to work. The below information demonstrates how Armstrong Flooring products contribute to the following LEED 2009 (Leadership in Energy and Environmental Design) rating systems:

Building Design and Construction (BD+C):

- New Construction (NC), Core and Shell (CS), Schools (S) and Retail (R)

LEED 2009 for Healthcare (HC)

Interior Design and Construction (ID+C)

- Commercial Interiors (CI)


Building Operations and Maintenance (O+M)

- EBOM: Existing Buildings Operations & Maintenance,

MATERIAL & RESOURCES	
CREDIT	CREDIT INTENT AND CONTRIBUTION
<p>MR Credit 2 Construction Waste Management</p> <p>CI CS HC NC R S</p>	<p>Divert construction and demolition debris from landfill and incineration facilities and redirect to recycled resources back to manufacturing process and reusable materials.</p> <p>Increase diversion percentage by diverting vinyl flooring products from the waste stream with the Armstrong On&On™ Floor Recycling Program. The On&On Floor Recycling Program is a closed loop product take-back program that recycles flooring into new flooring products and assists with recycling and disposal of Armstrong Flooring products. Armstrong Flooring strives to design and make durable sustainable products that are recyclable. More information on our On&On Floor Recycling Program can be found online.</p>
<p>MR Credit 4 Recycled Content</p> <p>CI CS HC NC R S</p>	<p>Increase demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin materials. Use materials with recycled content such that the sum of post-consumer recycled content plus 1/2 of the pre-consumer content constitutes at least 10% or 20%, based on cost, of the total value of the materials in the project. The recycled content value of a material assembly is determined by weight. The recycled fraction of the assembly is then multiplied by the cost of assembly to determine the recycled content value.</p> <p>Armstrong Flooring offers many products with both pre-and post-consumer recycled content. Recycled content values can be found in our Product Guide</p>
<p>MR Credit 5 Regional Material</p> <p>CS HC NC R S (CI allows One point if 20% material by cost is manufactured within 500 miles, second point if 10% is manufactured AND extracted, harvested or recovered)</p>	<p>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. Use building materials or products that have been extracted, harvested or recovered, as well as manufactured, within 500 miles of the project site for a minimum of 10% or 20%, based on cost, of the total materials value.</p> <p>Armstrong Flooring has manufacturing facilities located throughout the United States and depending on project location, our products may contribute to this credit.</p>

<p>MR Credit 6 Rapidly Renewable</p> <p>CI NC R S</p>	<p>Reduce the use and depletion of finite raw materials and long-cycle renewable materials by replacing them with rapidly renewable materials. Use rapidly renewable building materials and products for 2.5% of the total value of all building materials and products used in the project, based on cost. Rapidly renewable building materials and products are made from plants that are typically harvested within a 10-year or shorter cycle.</p> <p>Armstrong Flooring offer LinoArt™ Linoleum flooring made from 36% rapidly renewable material (linseed oil, jute and cork dust) and Bioflooring made from 2% rapidly renewable material.</p>
<p>MR Credit 7 Certified Wood</p> <p>CI NC R S (MRc6 in CS)</p>	<p>Encourage environmentally responsible forest management. Use a minimum of 50% (based on cost) of wood-based materials and products that are certified in accordance with the Forest Stewardship Council's (FSC) principles and criteria, for wood building components. These components include at a minimum, structural framing and general dimensional framing, flooring, sub-flooring, wood doors and finishes.</p> <p>Armstrong Flooring offers custom FSC® certified (FSC-C006997) mixed composite wood flooring with a variety of veneers to meet the growing demands of sustainable design projects.</p> <p>Learn more</p>

INDOOR ENVIRONMENTAL QUALITY

CREDIT	FLOORING CONTRIBUTION
<p>EQ Credit 4.1 & 4.2 Low-Emitting Materials Adhesives & Sealants</p> <p>CI CS HC NC R S</p> 	<p>Reduce the quantity of indoor air contaminants that are odorous, irritating and/or harmful to the comfort and well-being of installers and occupants. This credit only applies to materials applied within the weatherproofing system.</p> <p>Armstrong Flooring adhesives contribute toward achieving this credit, because they comply with the SCAQMD Rule # 1168.</p> <p>In addition, Armstrong Flooring adhesives are tested and compliant with the California Department of Public Health Standard Test Method (CDPH v1.1) and most are third party certified by FloorScore® to comply with this standard.</p> <p>Look for products with the FloorScore icon, on our product webpages.</p>
<p>Daylight and Quality Views</p> <p>CS CI HC NC R S</p>	<p>Connect building occupants with the outdoors, reinforce circadian rhythms, and reduce the use of electrical lighting by introducing daylight and views into the space.</p> <p>High light-reflectant flooring can serve as a light shelf and drive natural daylight further into a space which can assist projects in achieving this LEED credit.</p>
<p>LEED Pilot Credit 84 - v4 MR credit category for v2009 projects</p> <p>HC NC R S</p>	<p>To reduce environmental impact through building product and material selection, promote transparency, and encourage market transformation in the field of materials and material ingredients.</p> <p>Armstrong Flooring is LEED v4 ready. See our LEED v4 Summary sheet to learn about credit compliance.</p>

