

Table 16

Specific Credits within Various Green Building Programs That Relate to Acoustigreen Wood Ceiling Tiles

Green Building Program	Provisions that provide Credit (or Could Provide Credit) to Acoustigreen Wood Ceiling Tiles
LEED-H	<p><u>MR Credit 2.2</u> Many new products are available which are less harmful to the environment and/or to humans than their conventional counterparts, including those that have lower emissions, are sustainably produced include recycled content, are rapidly renewable, etc. The use of these materials in conventional products, though difficult to evaluate objectively, can nevertheless improve the overall environmental performance of the home. Qualifying materials have one or more of the following attributes:</p> <ul style="list-style-type: none"> - FSC Certified (wood products) - Recycled content - Reclaimed - Bio-based - Agricultural residue - Low or no VOC emissions <p>(Maximum of two points for any one component)</p> <p>http://www.usgbc.org/DisplayPage.aspx?CMSPageID=147</p>
LEED-NC	<p><u>MR Credit 4.1</u> Use material with recycled content such that the sum of post-consumer recycled content plus one-half of the pre-consumer content constitutes at least 10% (based on cost) of the total value of the materials in the project. (1 point)</p> <p><u>MR Credit 4.2</u> Use materials with recycled content such that the sum of post-consumer recycled content plus one-half of the pre-consumer content constitutes at least 20% (based on cost) of the total value of the materials in the project. (1 point in addition to credit under MR 4.1)</p> <p><u>MR Credit 6.0</u> Use rapidly renewable building materials and products (made from plants that are typically harvested within a ten-year cycle or shorter) [such as bamboo] for 2.5% of the total value of all building materials and products used in the project, based on cost. (1 point)</p> <p>http://www.usgbc.org/DisplayPage.aspx?CMSPageID=220</p>
LEED – Commercial Interiors	<p><u>MR Credit 4.1</u> Use material with recycled content such that the sum of post-consumer recycled content plus one-half of the pre-consumer content constitutes at least 10% (based on cost) of the total value of the materials in the project. (1 point)</p> <p><u>MR Credit 4.2</u> Use materials with recycled content such that the sum of post-consumer recycled content plus one-half of the pre-consumer content constitutes at least 20% (based on cost) of the total value of the materials in the project. (1 point in addition to credit under MR 4.1)</p> <p><u>MR Credit 6.0</u> Use rapidly renewable building materials and products (made from plants that are typically harvested within a ten-year cycle or shorter) [such as bamboo] for 2.5% of the total value of all building materials and products used in the project, based on cost. (1 point)</p> <p><u>EQ Credit 4.4</u> Composite wood and agrifiber products, including core materials, must contain no added urea formaldehyde resins.</p> <p>http://www.usgbc.org/DisplayPage.aspx?CMSPageID=145</p>

LEED-Schools	<p><u>MR Credit 4:</u> Use materials with recycled content such that the sum of post-consumer recycled content plus one-half of the pre-consumer content constitutes at least:</p> <ul style="list-style-type: none"> - 10% (1 point) - 20% (2 points) <p>based on cost of the total value of the materials in the project.</p> <p>The recycled content of a material assembly shall be determined by weight. The recycled fraction of the assembly is then multiplied by the cost of the assembly to determine the recycled content value.</p> <p><u>MR Credit 6</u> Use rapidly renewable building materials and products (made from plants that are typically harvested within a ten-year cycle or shorter) [such as bamboo] for 2.5% of the total value of all building materials and products used in the project, based on cost. (1 point)</p> <p><u>EQ Credit 4 – Option 4</u> All composite and agrifiber products installed in the building shall meet the testing and product requirements of the California Department of Health Services <i>Standard Practice for the testing of Volatile Organic Emissions From Various Sources Using Small-Scale Environmental Chambers</i>, including 2004 Addenda. (1 point)</p> <p>http://www.usgbc.org/DisplayPage.aspx?CMSPageID=1586</p>
Green Globes	<p><u>E.2.2</u> What proportion of building materials contain post consumer and post-industrial recycled content? Points are awarded where 1-20% or more of the materials contain recycled content. Points are calculated based on the percentage cost of recycled materials versus the total cost of materials. (maximum points – 10).</p> <p><u>E.2.3</u> What proportion of materials are bio-based? Points are awarded where 1-20% or more of the materials are bio-based. Points are calculated based on the percentage cost of bio-based materials versus the total cost of materials. Maximum points – 10)</p> <p>http://thegbi.org/commercial.about-green-globes/rating-and-evaluation-process.asp</p>
NAHB	<p><u>2.1.5</u> Use materials that require no additional finish resources to complete application onsite. (4 points)</p> <p><u>2.4.1</u> Use recycled-content building materials. (3 points)</p> <p><u>2.6.1</u> Use materials manufactured from renewable resources or agricultural by-products such as soy-based insulation, bamboo, or wood-based products (3 points)</p> <p><u>2.8.2</u> Use a life-cycle assessment (LCA) tool to compute the environmental burden of building materials and, based on the analysis, use the most environmentally preferable product for that building component; provide BEES or ATHENA output to show use of an environmentally preferable product. (8 points)</p> <p><u>5.1.5</u> Ensure particleboard, medium-density fiberboard (MDF), and hardwood plywood substrates are certified to low formaldehyde emissions standards (ANSI A 208.1, ANSI A 208.2, and ANSI/HPVA HP1, respectively). Composite wood/agrifiber panel products must either contain no added urea-formaldehyde resins or must be a third-party certified for low formaldehyde emissions (may qualify under this category). (6 points)</p> <p>http://www.nahb.org/publication_details.aspx?publicationID=1994&sectionID=155</p>
Atlanta Earth Craft House*	<p>No points available through this program.</p> <p>http://www.earthcrafthouse.com/documents/ech_tech_guidelines-complete.pdf</p>

Building it Green California, Green Point Rated Program	<p><u>K.6.</u> Use environmentally preferable materials for interior finish, including rapidly renewable or recycled content. [provision applies only to cabinets, interior trim, shelving, doors, and countertops, but might be possible to gain acceptance of the applicability of ceiling tiles].</p> <p><u>K.8.</u> After installation of finishes, test of indoor air show formaldehyde level <27ppb.</p> <p>http://www.builditgreen.org/index.cfm?fuseaction=greenpoint</p>
Built Green Colorado	<p>No points available through this program.</p> <p>http://www.builtgreen.org/checklist/default.aspx</p>
Florida Green Home	<p><u>Category 6.</u> Use eco-friendly ceiling materials. (1 point)</p> <p>http://www.floridagreenbuilding.org/db/</p>
North Carolina Healthy Built Homes	<p><u>Bonus Opportunities – Item 9</u> Innovation points. Builder submits specifications for innovative products or design (maximum of 10 points per innovation).</p> <p>http://www.healthybuilthomes.org/</p>
Austin Energy (Texas) Green Building	<p><u>M14</u> Use another recycled-content (50% or more content) of reused material. (1 point)</p> <p><u>H15</u> Interior cabinetry and millwork are formaldehyde free. (3 points)</p> <p>http://www.austinenergy.com/Energy%20Efficiency/Programs/Green%20Building/index.htm</p>
King County (Seattle) Washington Built Green	<p><u>Requirements:</u> Use a minimum of 10 materials with recycled content.</p> <p><u>4-25</u> Use plywood and composites of exterior grade with no added formaldehyde for interior uses. (3 points)</p> <p><u>4-28</u> Use only shelving, window trims, door trim, base molding with no added urea formaldehyde. (5 points)</p> <p><u>5-1</u> Practice waste prevention and recycle and buy recycled products made from plants harvested within a ten-year cycle or shorter. (10 points)</p> <p><u>5-3</u> Eliminate materials and systems that require finishes on a minimum of 100 square feet. (1-5 points)</p> <p><u>5-34</u> Use any amount of rapidly renewable products and materials. (1 point)</p> <p><u>5-35</u> In three applications, use any amount of rapidly renewable products and materials. (3 points)</p> <p><u>5-37</u> Use no endangered wood species. (3 points)</p> <p><u>5-106</u> Extra credit for innovation in Materials efficiency. (unspecified points)</p> <p>http://www.builtgreen.net/documents/Homebuilder%20Checklist.pdf</p>
Wisconsin Green Built	<p><u>Section D, item #49.</u> Utilize an approach not listed that meets the goals of this section [section relates to no or low formaldehyde and low VOC adhesives]. (1-5 points)</p> <p><u>Section D, items #65.</u> Utilize an approach not listed that meets the goals of this section [section relates to recycled content of wall covering materials]. (1-5 points)</p> <p>http://www.greenbuilthome.org/docs/GBH_CHKLIST_07.pdf</p>

* The Earth Craft House Program has now expanded to cover the entire Southeastern U.S., from Virginia to Mississippi.