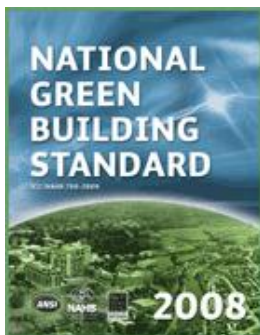


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## **Vinyl Siding Contributes to Achieving Points in the National Green Building Standard™**

To meet today's environmental challenges, vinyl siding is engineered for sustainability. Vinyl siding's performance as a sustainable building material contributes to achieving points in the leading green building certification programs, including the ANSI-approved ICC 700-2008 National Green Building Standard™ (NGBS). Vinyl siding can contribute to obtaining points for resource efficiency and energy efficiency in the NGBS. For example, vinyl siding requires no additional finish, is termite-resistant, may qualify as an indigenous material depending on manufacturing location in relation to the building site and may qualify as an environmentally preferable product based on life-cycle analysis .

Use of vinyl siding may qualify for points in the following NGBS practice categories:



- Site-applied finishing materials
- Termite-resistant materials
- Recycled content
- Manufacturing energy
- Indigenous materials
- Life-cycle analysis
- Manufacturer's environmental management system concepts
- Energy cost performance levels
- Building envelope

(See reverse side for specific details and points)

Vinyl siding has the ability to support certification through the ICC 700-2008 National Green Building Standard™ by contributing to the achievement of points for the practices listed below.

<b>CHAPTER 6 RESOURCE EFFICIENCY</b>	
<p>601: QUALITY OF CONSTRUCTION MATERIALS AND WASTE 601.7 – Site-applied finishing materials (2-5 points)</p>	<p>Building materials or assemblies are utilized that do not require additional site-applied material for finishing. 90% or more of the installed building material or assembly listed in the Standard (5 points each) 50% to less than 90% of the installed building material or assembly listed in the Standard (2 points each)</p>
<p>602: ENHANCED DURABILITY AND REDUCED MAINTENANCE 602.8 – Termite-resistant materials (2-6 points)</p>	<p>Use termite-resistant materials for the foundation, all structural walls, floors, concealed roof spaces not accessible for inspection, exterior decks and exterior claddings in geographic areas of slight to moderate, moderate to heavy, or very heavy termite infestation probability. Higher points are awarded in areas of very heavy termite infestation probability.</p>
<p>604: RECYCLED-CONTENT BUILDING MATERIALS 604.1 – Recycled content (1-6 points)</p>	<p>Building materials with recycled content are used for two minor and/or two major components of the building. Points are awarded based on the percentage of recycled content (25% to more than 75%) and whether used on major or minor component.</p>
<p>606: RENEWABLE MATERIALS 606.3 – Manufacturing energy (2-6 points)</p>	<p>Materials are used for major components of the building that are manufactured using a minimum of 33% of the primary manufacturing process energy derived from renewable sources, combustible waste sources, or renewable energy credits (RECs). (2 points per material)</p>
<p>608: INDIGENOUS MATERIALS 608.1 – Indigenous materials (2-10 points)</p>	<p>Indigenous materials are used for major elements of the building (2 points per type of material – maximum of 10 points)</p>
<p>609: LIFE CYCLE ANALYSIS 609.1 – Life cycle analysis (3-15 points)</p>	<p>A more environmentally preferable product or assembly is selected for an application based upon the use of a Life Cycle Assessment (LCA) tool compliant with <i>ISO 14044</i> or other recognized standards that compares the environmental impact of building materials, assemblies, or a whole building. Per product/system comparison (3 points – maximum of 15 points) Whole building LCA Analysis (15 points)</p>
<p>610: INNOVATIVE PRACTICES 610.1 – Manufacturer’s Environmental Management System Concepts (1-10 points)</p>	<p>Product manufacturer’s operation and business practices include environmental management system concepts and the production facility is <i>ISO14001</i> certified or equivalent. The aggregate value of building products from <i>ISO 14001</i> certified or equivalent production facilities is 1% or more of the estimated total building materials cost. (1 point per percent)</p>
<b>CHAPTER 7 ENERGY EFFICIENCY</b>	
<p>702: PERFORMANCE PATH 702.2 – Energy cost performance levels (30-120 points)</p>	<p>Energy efficiency features are implemented to achieve energy cost performance that exceeds the ICC IECC by 15-60%. (A documented analysis using software in accordance with ICC IECC, Section 404, or ICC IEC Section 506.2 through 506.5, applied as defined in the ICC IECC is required.) Insulated vinyl siding may contribute to points in this area.</p>
<p>703: PRESCRIPTIVE PATH 3.1 – Building Envelope (10-36 points)</p>	<p>Total building thermal envelope UA improved by 10-20% over that required by IECC. Insulated vinyl siding may contribute to this practice.</p>