



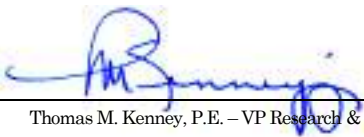
**Home Innovation**  
NGBS GREEN CERTIFIED™

THIS IS TO SIGNIFY THAT THE FOLLOWING  
PRODUCTS FOR RESIDENTIAL CONSTRUCTION

**WEYERHAEUSER TRUS JOIST® STRANDGUARD®  
TIMBERSTRAND LSL**

MANUFACTURED BY  
**WEYERHAEUSER**

HAVE BEEN CERTIFIED FOR POINTS TOWARD NGBS GREEN  
CERTIFICATION TO THE ICC 700 NATIONAL GREEN BUILDING  
STANDARD AS DETAILED IN NGBS GREEN CERTIFIED  
PRODUCT REPORT #NGBSGCP-00008.



---

Thomas M. Kenney, P.E. – VP Research & Engineering

January 19, 2009

Approval Date

December 31, 2016

Expiration Date

**CERTIFICATE #000008**

This certificate is not a representation, warranty, or guarantee of product performance or certification of code compliance. For details of the product warranty, consult the product manufacturer.



NGBS Green Certified Product Report #NGBSGCP-000008

Products: Weyerhaeuser Trus Joist® StrandGuard® TimberStrand LSL

Manufacturer: Weyerhaeuser

The product(s) shown on this report have been independently verified as eligible products for use in achieving points toward project certification under ICC-700 National Green Building Standard. Home Innovation Research Labs authorizes accredited verifiers to award points toward certification without additional documentation when the product(s) is used as noted below.

2008 NATIONAL GREEN BUILDING STANDARD			
PRACTICE #	PRACTICE DESCRIPTION	POTENTIAL POINTS AVAILABLE	ADDITIONAL CONDITIONS OF USE TO AWARD POINTS
2008 NGBS 601.2	Structural systems/advanced framing techniques optimize material usage.	3	Product must be used as part of a system resulting in joist spacings at 24" OC or more or used as headers that have been desinged and sized for the loads.
2008 NGBS 602.8	Termite-resistant materials are used in portions of the building.	6	To earn 6 points, all structural elements must be termite resistant in areas of heavy termite infestation. Lesser points available for less structure in lower infestation areas.
2008 NGBS 606.1	Biobased products are used. 8 points maximum awarded.	6	To earn 6 points this product must be at least 1% of the construction material cost AND another bio-based product, also at 1% of material cost, must be used. Lesser points are available at the 0.5% level.
2008 NGBS 606.2(1)	A minimum of 2 wood or wood-based products used for minor elements are certified to the requirements of a recognized product program.	3	To earn 3 points a second certified wood product must also be used as a minor element.
2008 NGBS 606.3	Materials used for major components are manufactured using a min. of 33% of the primary manufacturing process energy from renewable sources, combustible waste sources, or renewable energy credits (RECs).	2	Product must be used as a major component of the building.
2008 NGBS 607.1	Products containing fewer materials are used to achieve the same end-use requirements as conventional products.	3	At least 80% of structural composite lumber in the building is this product.

2008 NGBS 609.1	A more environmentally preferable product selected based on a Life Cycle Assessment.	3	None.
2008 NGBS 610.1	Product manufacturer's operations are ISO 14001 certified. The value of building products from ISO 14001 facilities is 1% or more of the est. total building materials cost.	2	Points are awarded at 1 point per one percent of building material costs. Material costs breakdown to be verified and points adjusted to reflect actual percentage of all products at 14001 facilities.
2008 NGBS 901.4(2-6)	A minimum of 85% of material within a product group (i.e., wood structural panels, countertops, composite trim/doors, custom woodwork, and/or component closet shelving) is manufactured in accordance with the following. 10 points maximum awarded.	4	A minimum of 85% of structural composite lumber in the building is this product.

2012 NATIONAL GREEN BUILDING STANDARD			
PRACTICE #	PRACTICE DESCRIPTION	POTENTIAL POINTS AVAILABLE	ADDITIONAL CONDITIONS OF USE TO AWARD POINTS
2012 NGBS 601.2	Structural systems/advanced framing techniques optimize material usage.	3	Product must be used as part of a system resulting in joist spacings at 24" OC or more or used as headers that have been desinged and sized for the loads.
2012 NGBS 602.1.6	Termite-resistant materials are used in portions of the building.	6	To earn 6 points, all structural elements must be termite resistant in areas of heavy termite infestation. Lesser points available for less structure in lower infestation areas.
2012 NGBS 606.1	Biobased products are used. 8 points maximum awarded.	6	To earn 6 points this product must be at least 1% of the construction material cost AND another bio-based product, also at 1% of material cost, must be used. Lesser points are available at the 0.5% level.
2012 NGBS 606.2(1)	A minimum of 2 wood or wood-based products used for minor elements are certified to the requirements of a recognized product program.	3	To earn 3 points a second certified wood product must also be used as a minor element.
2012 NGBS 606.3	Materials used for major components are manufactured using a min. of 33% of the primary manufacturing process energy from renewable sources, combustible waste sources, or renewable energy credits (RECs).	2	Product must be used as a major component of the building.
2012 NGBS 608.1	Products containing fewer materials are used to achieve the same end-use requirements as conventional products.	3	At least 80% of joists in the building are this product.

<p>2012 NGBS 610.1.2.1</p>	<p>A product with improved environmental impact measures compared to another product is selected.</p>	<p>1</p>	<p>Points are awarded at 1 point per one percent of building material costs. Material cost breakdown to be verified and points adjusted to reflect actual percentage of all products from 14001 facilities.</p>
<p>2012 NGBS 611.1</p>	<p>Product manufacturer's operations are ISO 14001 certified. The value of building products from ISO 14001 facilities is 1% or more of the est. total building materials cost.</p>	<p>2</p>	<p>Points are awarded at 1 point per one percent of building material costs. Material cost breakdown to be verified and points adjusted to reflect actual percentage of all products from 14001 facilities.</p>
<p>2012 NGBS 901.4(2-6)</p>	<p>A minimum of 85% of material within a product group (i.e., wood structural panels, countertops, composite trim/doors, custom woodwork, and/or component closet shelving) is manufactured in accordance with the following. 10 points maximum awarded.</p>	<p>4</p>	<p>A minimum of 85% of joists in the building is this product.</p>