



**Home Innovation**  
NGBS GREEN CERTIFIED™

THIS SIGNIFIES THE FOLLOWING CONSTRUCTION PRODUCTS

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

MANUFACTURED BY  
**WEYERHAEUSER**

ARE CERTIFIED FOR POINTS TOWARD NGBS GREEN CERTIFICATION TO THE  
ICC-700 NATIONAL GREEN BUILDING STANDARD, AS DETAILED BELOW.

  
Michael Luzier – President & CEO

January 19, 2009  
Approval Date

December 31, 2022  
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 Certificate #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.

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 designed 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 biobased 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.	3	At least 80% of structural composite lumber in the building is this product.
2012 NGBS 610.1.2.1	A product with improved environmental impact measures compared to another product is selected.	1	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.
2012 NGBS 611.1	Product manufacturer's operations and environmental management practices are registered to ISO 14001.	2	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.
2012 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.

2015 NATIONAL GREEN BUILDING STANDARD			
PRACTICE #	PRACTICE DESCRIPTION	POTENTIAL POINTS AVAILABLE	ADDITIONAL CONDITIONS OF USE TO AWARD POINTS
2015 NGBS 601.2(2)	Higher-grade or higher strength of the same material than commonly specified for structural elements are used.	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 designed and sized for the loads.

2015 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.
2015 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 biobased product, also at 1% of material cost, must be used. Lesser points are available at the 0.5% level.
2015 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.
2015 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.
2015 NGBS 608.1(2)	Engineered wood products are used.	3	At least 80% of structural composite lumber in the building is this product.
2015 NGBS 610.1.2.1	A product with improved environmental impact measures compared to another product is selected.	1	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.
2015 NGBS 611.1	Product manufacturer's operations and environmental management practices are registered to ISO 14001.	2	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.

2015 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.
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2020 NATIONAL GREEN BUILDING STANDARD			
PRACTICE #	PRACTICE DESCRIPTION	POTENTIAL POINTS AVAILABLE	ADDITIONAL CONDITIONS OF USE TO AWARD POINTS
2020 NGBS 601.2(2)	Higher-grade or higher strength of the same material than commonly specified for structural elements is used.	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 designed and sized for the loads.
2020 NGBS 602.1.6	Termite-resistant materials are used in portions of the building.	2-6	To earn 6 points, all structural elements must be termite resistant and building must be located in areas of heavy termite infestation. Lesser points available for less structure in lower infestation areas.
2020 NGBS 606.1(1-3)	Biobased products are used. 8 points maximum awarded.	3, 6	To earn 6 points this product must be at least 1% of the construction material cost AND another biobased product, also at 1% of material cost, must be used. Lesser points are available at the 0.5% level.
2020 NGBS 606.2(1)	At least 2 responsible or certified wood-based products are used as minor components of the building. 3 points available.	3	To earn 3 points, a second certified wood product must also be used as a minor element.
2020 NGBS 606.3	Materials manufactured using =33% of the primary manufacturing process energy derived from renewable sources, combustible waste sources, or renewable energy credits are used as major components of the building. 2 points awarded per material; 6 points max.	2	Product must be used as a major component of the building.

2020 NGBS 608.1(2)	Engineered wood or engineered steel products are used in place of conventional products. 3 points awarded per material.	3	At least 80% of structural composite lumber in the building is this product.
2020 NGBS 610.1.2.1	A product with improved environmental impact measures compared to another product(s) intended for the same use is selected. 2 points for product with 4 impact measures; 3 points for product with 5 impact measures. 10 points max.	1	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.
2020 NGBS 612.1	The aggregate value of building products from registered ISO 14001 or equivalent production facilities is =1% of the estimated total building materials cost. 1 point awarded per %; 10 points max.	2	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.
2020 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.	2-4	A minimum of 85% of structural composite lumber in the building is this product.