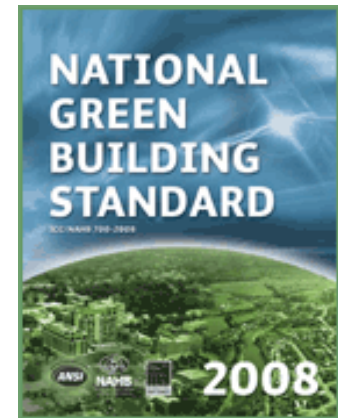# National Green Building Standard™ ICC 700-2008 (NGBS)

Occupancy or Use: Residential and Mixed Use

Geography: United States

Applicable LP Products:

- LP® OSB Sheathing
- LP® TopNotch® Sub-Flooring
- LP® TechShield® Radiant Barrier Sheathing
- LP® FlameBlock® Fire-Rated OSB Sheathing
- LP® SolidStart® I-Joists
- LP® SolidStart® LSL
- LP® SolidStart® LVL
- LP® SolidStart® Rim Board
- LP® SmartSide® Trim & Siding

Use of LP products or software may help you earn points within the National Green Building Standards (NGBS) program. This information is furnished for guidance only. Always refer to program details and since program details may change, be sure to verify the most current requirements with the latest NGBS reference guide.

These credits may apply directly to LP products:

Resource Efficiency

Sections	Title	Description	Points
601.7	Quality of Constuction Materials and Waste-Site-applied finishing materials	Applies to LP SmartSide Trim and Siding. The use of prefinished (painted) trim and siding meet the requirements for Site-applied finishing materials-trim (b) and wall coverings (d)	4-10
602.8	Termite-resistant materials	Applies to LP SmartSide Trim and Siding, when used in certain applications.	2-6
606.1 (a,b)	Renewable Materials-Engineered wood	All LP products are manufactured primarily from Biobased engineered wood.	3-6
606.2	Renewable Materials-Wood-based products	All LP products are SFI certified, see table below for specific SFI certifications.	3-4
606.3	Renewable Materials-Manufacturing energy	Applies to all LP products. Materials used for all major components in manufacturing use renewable energy.	6
607.1(2)	Resource-efficient materials	Applies to all LP SolidStart products. The use of LP SolidStart Engineered Wood Products results in fewer materials used to achieve the same end-use as converntional products.	9
608.1	Indigenous materials	Applies to all LP products. Eligibility depends on the distance between your building site location and the LP mill where the product as manufactured. Call 888.820.0325 for assistance.	2-10

Indoor Environmental Quality

Credit	Title	Description	Points
901.4 (6)	Polutant source control- Wood materials	Non-emitting products	4

When used as part of a systematic approach, LP products may help you qualify for these Sections:

Energy Efficiency

Credit	Title	Description	Points
704.3.1.3	Additional Practices- Passive cooling design	Applies to LP TechShield Radiant Barrier. LP TechShield helps block radiant heat from entering the structure.	1-19
704.4.4.4	Additional Practices-Ducts	Applies to LP SolidStart I-Joists. Deep depth LP SolidStart I-Joists (with holes cut in the web) can be used to help keep ducts in conditioned space.	12

Resource Efficiency

Credit	Title	Description	Points
601.2	Quality of Constuction Materials and Waste-Material Usage	Applies to all LP SolidStart products. LP software can be used to specify a wider spacing of support members and the optimization headers for specific applications.	3-9
601.4	Quality of Constuction Materials and Waste-Framing and structural plans	Applies to all LP SolidStart products. LP software can be used to generate detailed framing plans, materials lists, and on-site cut lists for framing and structural/sheathing materials.	4
601.5	Quality of Constuction Materials and Waste-Prefabricated components	Applies to all LP SolidStart products. Many of LP's dealers offer precut framing packages which can be used on floor, wall and/or roof systems.	4-12

Summary - National Green Building Standard (NGBS)

Product	% Biobased	% Renwable Energy used in Manufacturing	Indigenous Material Max. Dist	SFI Forest Mgmt and Fiber Sourcing Certified	SFI Chain of Custody Certified	Structural Adhesives DOC PS 1	Structural Adhesives DOC PS 2	Urea-formaldehyde (Y/N)
LP® OSB	Yes	>33%	See Note 1	Yes	Yes*	Yes	Yes	No
LP TopNotch® Flooring	Yes	>33%	See Note 1	Yes	Yes*	Yes	Yes	No
LP TechShield® Panels	Yes	>33%	See Note 1	Yes	Yes*	Yes	Yes	No
LP SolidStart® I-Joists	Yes	>33%	See Note 1	Yes	Yes			No
LP SolidStart LSL	Yes	>33%	See Note 1	Yes	Yes			No
LP SolidStart LVL	Yes	>33%	See Note 1	Yes	Yes			No
LP SolidStart Rim Board	Yes	>33%	See Note 1	Yes	Yes*			No
LP SmartSide® Trim & Siding	Yes	>33%	See Note 1	Yes	No	Yes	Yes	No
LP FlameBlock® Panels	Yes	>33%	See Note 1	Yes	Yes*	Yes	Yes	No

Note 1: Due to resourcing and production schedule variance, please contact your LP sales representative or call 888.820.0325 for help in determining the distance to the nearest plant for each LP product.

* The following mills are both SFI "Forest Management and Fiber Sourcing Certified" and "SFI Chain of Custody Certified": Houlton ME, Sagola MI, Dawson Creek BC, Maniwaki QC, Swan River MB, Larouche QC, St. Prime QC, Golden BC, Wilmington NC, and Red Bluff CA. Check with your local supplier to verify the mill from which your LP products are supplied.