



# GREEN BRIEF

LP® SolidStart® I-Joists are known for their value when it comes to size, strength, and reliability. Manufactured with a wide flange for increased stability and a larger nailing area, LP SolidStart I-Joists offer exceptional performance and dependability. Our I-Joist product line offers flanges made of either solid sawn lumber or LVL to meet the needs of residential, commercial or industrial applications. All I-Joists in our extensive product line are backed by a Lifetime Limited Warranty.

## LP SolidStart I-Joists & the Environment

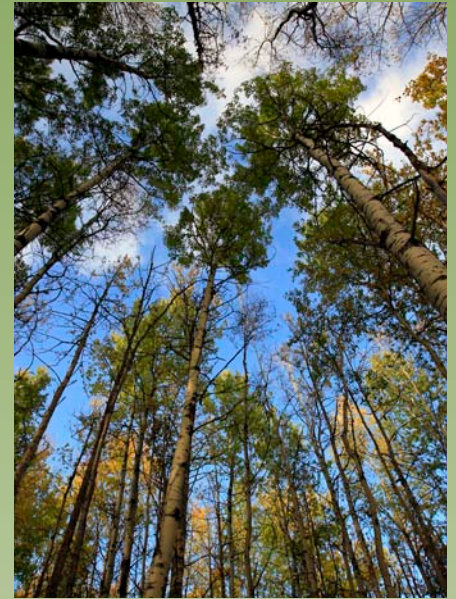
### Manufacturing

- LP SolidStart I-Joists are made from wood – a renewable, natural resource.
- Our wood procurement process targets small, fast growing trees that can be replenished more quickly than larger, older trees.
- We use SFI® certified forest management and fiber sourcing systems to help ensure that our wood comes from well-managed forests. LP SolidStart I-Joists are certified to the SFI chain-of-custody standard.
- The entire log is used in our manufacturing process. All wood waste is repurposed or used to help fuel our mills.
- We only use low-emitting, safe resins in the manufacture of LP SolidStart I-Joists, and do not add any urea-formaldehyde.



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## Conserve. Create. Renew.

At LP, our approach to the environment can be summed up with three words: conserve, create and renew. As a leader in the building products industry, we view it as our responsibility to be good stewards of the environment and to develop and manufacture products that help builders build better homes.

To us, “green” is about conserving natural resources, creating products that help builders reduce waste, and finding ways to utilize renewable energy sources and reduce waste throughout our operations.

To learn more, please visit [www.lpcorp.com](http://www.lpcorp.com) or call 888.820.0325.



## GREEN BUILDING CERTIFICATION PROGRAMS

The use of LP SolidStart I-Joists may help you qualify for points in leading green building programs. The information below was compiled from relevant sections within each program and is for guidance only. This resource is designed to help you quickly identify areas where you could potentially earn points. Since program requirements vary and details may change, verify qualification criteria with each individual program. For specific questions related to LP products, please call 888.820.0325.



## Single Family United States

PROGRAM	CATEGORY	SECTION	ITEM	DESCRIPTION	POINTS
	Resource Efficiency	Quality of Construction Materials and Waste	601.2	Advanced framing techniques optimize material usage.	3
	Resource Efficiency	Quality of Construction Materials and Waste	601.4	Detailed framing or structural plans	4
	Resource Efficiency	Quality of Construction Materials and Waste	601.5 (1) 601.5 (2) 601.5 (3)	90% of system is pre-cut.	up to 12
	Resource Efficiency	Renewable Materials; Biobased Products	606.1.b	Engineered wood	3 to 6
	Resource Efficiency	Renewable Materials; Certified Wood	606.2.e	Sustainable Forestry Initiative (SFI)	3 to 4
	Resource Efficiency	Renewable Materials; Resource Efficient Materials	607.1	Engineered wood	3
	Resource Efficiency	Indigenous Materials	608.1	Components used for major elements are extracted, processed, and manufactured within 500 miles.	2
	Indoor Environmental Quality	Pollutant Source Control	901.4 (6)	Low-emitting products	4
	Resources	Structural Frame & Building Envelope; Apply Optimal Value Engineering	D.1.a	Place joists, rafters, and studs at 24OC.	3
	Resources	Structural Frame & Building Envelope; Use Engineered Lumber	D.3.b	Wood I-Joists for floors	1
	Resources	Structural Frame & Building Envelope; Use Engineered Lumber	D.3.c	Engineered lumber for roof rafters	1
	Innovation	Other	N.3		up to 4

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## Single Family United States *(continued)*

PROGRAM	CATEGORY	SECTION	ITEM	DESCRIPTION	POINTS
 <b>LEED for Homes</b>	Innovation and Design Process	Innovative Design	ID 3.1, ID 3.2, ID 3.3, ID 3.4		up to 4
	Materials & Resources	Material Efficient Framing	MR 1.2, MR 1.3, MR 1.4	Detailed Framing Documents, Detailed Cut List and Lumber Order, and Framing Efficiencies	up to 5
	Materials & Resources	Environmentally Preferable Products	MR 2.2	Local production. Use products that were extracted, processed, and manufactured within 500 miles of the home.	1/2 pt
	Waste Management	Construction Waste Management	MR 3.2		up to 3
 <b>EarthCraft House™</b>	Resource Efficiency	Resource Efficient Design	RE 1		TBD
	Resource Efficiency	Advanced Framing Materials	RE 2.2	Engineered floor framing	1
	Resource Efficiency	Advanced Framing Materials	RE 2.9	Engineered roof framing	1
	Resource Efficiency	Local, Recycled, and/or Natural Content Materials	RE3	Use materials extracted, processed and manufactured within 500 miles of site.	3
	Innovation	Project Specific Innovation Points	IN 1.3		TBD

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## Single Family Canada

PROGRAM	CATEGORY	SECTION	ITEM	DESCRIPTION	POINTS
	Innovation and Design Process	Innovative Design	ID 3.1, ID 3.2, ID 3.3, ID 3.4		up to 4
	Materials & Resources	Material Efficient Framing	MR 1.2, MR 1.3, MR 1.4	Detailed Framing Documents, Detailed Cut List and Lumber Order, and Framing Efficiencies.	up to 5
	Materials & Resources	Environmentally Preferable Products	MR 2.2	Local production. Use products that were extracted, processed, and manufactured within 800 km (500 miles) of the home if moved by truck or within 2400 km (1500 miles) if moved by rail.	1/2 pt
	Waste Management	Construction Waste Management	MR 3.2		up to 3
	Building Materials	Exterior and interior wall stud spacing	2-4		1 to 2
	Building Materials	Use manufactured wood products for floor systems from sustainably harvested sources	2-18	Sustainable Forestry Initiative Program (SFI)	1 to 2
	Business Practice	Products used are manufactured within 800km	8-1		1 to 5
	Business Practice	Manufacturer has written environmental policy that includes office recycling and energy efficient lighting	8-6		1

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# Multi-Family and Commercial United States

PROGRAM	CATEGORY	SECTION	ITEM	DESCRIPTION	POINTS
	Resource Efficiency	Quality of Construction Materials and Waste	601.2	Advanced framing techniques optimize material usage.	3
	Resource Efficiency	Quality of Construction Materials and Waste	601.4	Detailed framing or structural plans	4
	Resource Efficiency	Quality of Construction Materials and Waste	601.5 (1) 601.5 (2) 601.5 (3)	90% of system is pre-cut.	up to 12
	Resource Efficiency	Renewable Materials; Biobased Products	606.1.b	Engineered wood	3 to 6
	Resource Efficiency	Renewable Materials; Certified Wood	606.2.e	Sustainable Forestry Initiative (SFI)	3 to 4
	Resource Efficiency	Renewable Materials; Resource Efficient Materials	607.1	Engineered wood	3
	Resource Efficiency	Indigenous Materials	608.1	Components used for major elements are extracted, processed, and manufactured within 500 miles.	2
	Indoor Environmental Quality	Pollutant Source Control	901.4 (6)	Low-emitting products	4
	Resources	Foundation, Structural Frame & Building Envelope; Use Engineered Lumber	D.4.b	Wood I-Joists for floors	1
	Innovation	Other	N.1		up to 4
 LEED for Homes	Innovation and Design Process	Innovative Design	ID 3.1, ID 3.2, ID 3.3, ID 3.4		up to 4
	Materials & Resources	Material Efficient Framing	MR 1.2, MR 1.3, MR 1.4	Detailed Framing Documents, Detailed Cut List and Lumber Order, and Framing Efficiencies	up to 5
	Materials & Resources	Environmentally Preferable Products	MR 2.2	Local production. Use products that were extracted, processed, and manufactured within 500 miles of the home.	1/2 pt
	Waste Management	Construction Waste Management	MR 3.2		up to 3

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# Multi-Family and Commercial United States *(continued)*

PROGRAM	CATEGORY	SECTION	ITEM	DESCRIPTION	POINTS
 <b>EarthCraft House Multifamily™</b>	Resource Efficient Design	n/a	n/a		TBD
	Bonus Points	n/a	n/a	Use building materials extracted, processed, and manufactured within 500 miles of site.	1/2 pt.
 <b>LEED 2009 for New Construction and Major Renovations</b>	Energy and Atmosphere	Optimize Energy Performance	EA 1		1 to 19
	Materials & Resources	Regional Materials	MR 5	Use building materials or products that have been extracted, harvested or recovered, as well as manufactured, within 500 miles of the project site.	1 to 2
	Indoor Environmental Quality	Construction IAQ Management Plan - During Construction	IEQ 3		1
	Indoor Environmental Quality	Low Emitting Materials: Composite Wood	IEQ 4.4	No added urea-formaldehyde	1
	Innovation and Design Process	Innovation in Design	ID 1.1, ID 1.2, ID 1.3, ID 1.4, ID 1.5		1 to 5

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## Multi-Family and Commercial Canada

PROGRAM	CATEGORY	SECTION	ITEM	DESCRIPTION	POINTS
	Innovation and Design Process	Innovative Design	ID 3.1, ID 3.2, ID 3.3, ID 3.4		up to 4
	Materials & Resources	Material Efficient Framing	MR 1.2, MR 1.3, MR 1.4	Detailed Framing Documents, Detailed Cut List and Lumber Order, and Framing Efficiencies	up to 5
	Materials & Resources	Environmentally Preferable Products	MR 2.2	Local production. Use products that were extracted, processed, and manufactured within 800 km (500 miles) of the home if moved by truck or within 2400 km (1500 miles) if moved by rail.	1/2 pt
	Waste Management	Construction Waste Management	MR 3.2		up to 3
	Materials & Resources	Regional Materials	MR 5	Use products that have been extracted, harvested, recovered and processed within 800 km (500 miles) (2,400 km if shipped by rail or water) of the final manufacturing site.	1 to 2
	Indoor Environmental Quality	Construction IAQ Management Plan - During Construction	IEQ 3		1
	Indoor Environmental Quality	Low Emitting Materials: Composite Wood	IEQ 4.4	No added urea-formaldehyde	1
	Innovation in Design	Innovation in Design	ID 1.1, ID 1.2, ID 1.3, ID 1.4, ID 1.5		1 to 5

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## Multi-Family and Commercial Canada *(continued)*

PROGRAM	CATEGORY	SECTION	ITEM	DESCRIPTION	POINTS
	Building Materials	Exterior and interior wall stud spacing	2-4		1 to 2
	Building Materials	Use manufactured wood products for floor systems	2-18	Sustainable Forestry Initiative (SFI)	1 to 2
	Business Practice	Products used are manufactured within 800km	8-1		1 to 5
	Business Practice	Manufacturer has written environmental policy that includes office recycling and energy efficient lighting	8-6		1

To learn more about LP's environmental approach and to find out why the nation's leading builders choose engineered wood materials from LP Building Products, contact your LP sales representative, visit [www.lpcorp.com](http://www.lpcorp.com), or call 888.820.0325.

**Cal. Prop 65 Warning: Use of this product may result in exposure to wood dust, known to the State of California to cause cancer.**