



## GREEN BUILDING

### LP® TechShield® Radiant Barrier can help builders work toward certification quickly and easily!

- **LP TechShield Radiant Barrier** uses 100% SFI-certified wood from small diameter, rapidly regenerating trees.
- LP uses only a minimal amount of low-emitting, safe resin as a binder.
- LP TechShield products block up to 97% of the radiant heat in the roofing materials from entering a home's attic and help keep heat from escaping during cold weather, thereby decreasing monthly energy bills by up to 17%.

#### GREEN ATTRIBUTE

- Renewable Materials
- 3rd Party-Certified Wood Products
- Engineered Products
- Renewable Energy/insulation

#### WHY LP TECHSHIELD QUALIFIES

- Wood-Based Product
- SFI-Certified Wood
- Engineered Product
- Radiant Barrier

#### LP products are a natural choice for building green.

As wood-based products they:

- have a low environmental impact
- are a renewable resource

As engineered products they:

- use raw materials more efficiently than traditional products
- are made with low-emitting, safe resins

All of LP's wood-based products are made from third-party certified wood from sustainably managed forests

# GREEN BUILDING PROGRAMS

## Selected Green Building Programs where LP® TechShield® Radiant Barrier Gives Builders Points Toward Certification:

Program	Category	Section	Item	Description	Points	
	<b>Resource Efficiency</b>	Enhanced Durability and Reduced Maintenance				
			602.13	Min. of 90% of roof surfaces are constructed of products that are in accordance with ENERGY STAR cool roof certification or equivalent	3	
	<b>Energy Efficiency</b>	Renewable Materials				
			606.1	Two types of biobased products are used	3 to 6	
			606.2	Wood or wood-based products are certified to the requirements of one of the following (ATFS, CSA, FSC, PEFC, SFI)	4	
		606.3	Materials are manufactured using a minimum of 33% of the primary manufacturing process energy derived from renewable resources, combustible waste sources, or RECs	2		
	Resource-Efficient Materials					
		607.1	Products containing fewer materials are used to achieve the same end-use requirements as conventional products	3		
	<b>Energy Efficiency</b>	Additional Practices				
			704.3.1.3	Passive cooling design features are in accordance with 3 or more of the following . . . (4) Solar reflective roof or radiant barrier is installed in climate zones 1, 2, or 3	1	
	<b>Resource Efficiency</b>	Renewable Materials				
			2.6.1	Use materials manufactured from renewable resources or agricultural byproducts such as soy-based insulation, bamboo, or wood-based products	3	
		2.6.2	Use certified wood for wood and wood-based materials and products from all credible third-party certified sources	4		
	<b>Energy Efficiency</b>	Renewable Energy/Solar Heating and Cooling				
			3.3.5.1.C	Solar Space heating & cooling - use passive cooling - solar-reflective roof or radiant barrier in hot climates	8	
	<b>Energy</b>	Building Performance Exceeds Title 24				
			A.9.a	Cool Site Techniques	✓	
	<b>Energy Efficient Building Envelope &amp; Systems</b>	Insulation				
			128	attic radiant barrier	2	
	<b>Resource Efficient Building Materials</b>	Advanced Products				
		226	OSB roof decking	1		

