

CertainTeed

LANDMARK

Solaris™

Solar Reflective Impact Resistant Shingles

*Something New
For Mother Nature*

ENERGY STAR® Cool Roof Technology
and Impact Resistance

Shown in Crystal Gray

CertainTeed 

Quality made certain. Satisfaction guaranteed.™

Two-In-One

ENERGY EFFICIENT AND IMPACT RESISTANT THE BEST OF BOTH WORLDS

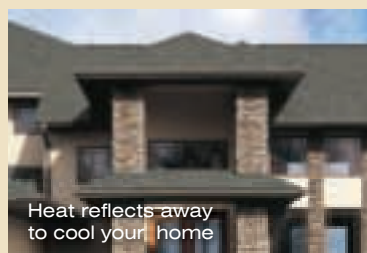
Landmark Solaris™ Impact Resistant (IR) is a brilliant breakthrough that puts cool roof technology to work for you. Plus, our palette of rich, authentic colors makes it an easy choice for eco-friendly living.

The secret is in CertainTeed's advanced roofing granules that reflect solar energy and radiate heat far better than traditional roofing shingles.

Landmark Solaris IR forms a barrier between your roof and the sun that reduces your roof's temperature by as much as 20 percent in the summer. Landmark Solaris IR is ecologically smart, beautifully durable, and architecturally ideal for sunny climates or anywhere solar heat is a challenge.

LANDMARK Solaris™ IR

a great reflection on your home and now Impact Resistant



**Having a roof that's
extra strong shouldn't
mean compromising
on style.**

That's why we give you choices to suit your needs and tastes—even when it comes to impact resistant shingles.

Landmark Solaris IR shingles have an added fiber glass backing. It's there to provide an enhanced level of impact resistant protection over and above the high durability these popular, strong shingles already possess. Landmark Solaris IR shingles have proven they can stand up to the force of a two-inch steel ball dropped from twenty feet without cracking.

you don't have to go white to go green

Using cool roofing technology has been recognized as one of the easiest, most cost-effective ways of lowering energy consumption. But until now, going green meant going white.

While white is naturally reflective, Landmark Solaris IR's innovative technology puts color where white used to be and produces a shingle that reflects solar infrared rays that are a source of heat gain through the roof.

That's a green of a different color.

All-natural colors

Dusky Clay	Aged Cedar
Sunset Shake	Crystal Gray

a cool explanation

What are Solar Reflectance and Thermal Emittance?

Solar reflectance and thermal emittance are the two radiative properties used to measure the "coolness" of a roof.

Solar Reflectance:
the fraction of solar energy that is reflected by the roof

Thermal Emittance:
the relative ability of the roof surface to radiate absorbed heat

Some heat is absorbed by the roof and transferred to the building below

so cool, it's rated for rebates

Landmark Solaris IR is rated by Cool Roof Rating Council for cool roofs.

Landmark Solaris IR shingles may qualify for credits/points in LEED®, NAHB® and other "green" programs.

And some utility companies offer a rebate for Landmark Solaris IR that can put as much as \$300 back into a homeowner's pocket for an average 3,000 sq. ft. roof.

Landmark Solaris IR shingles are ENERGY STAR® qualified roof products that meet both solar reflectance and thermal emissivity requirements.



The American Recovery and Reinvestment Act of 2/17/09 enables homeowners to receive up to a \$1,500 tax credit if they install specific energy efficient products that carry an ENERGY STAR rating.

In some states, insurance companies offer discounts if homeowners install impact resistant shingles.

the best value

In addition to Landmark Solaris IR's cool roof benefits, it offers an exceptional value in traditional CertainTeed roofing protection, durability and selection.

This impact resistant version of our dramatically thick luxury shingle offers you the distinct look of natural wood shakes, not to mention a lifetime warranty. Made of three laminated layers of the industry's strongest roofing materials, it's dimensional in appearance and unparalleled in durability.



specifications

- Two-piece laminated fiber glass-based construction
- Impact resistant: UL 2218 Class 4 rating
- Classic shades and dimensional appearance of natural wood or slate
- 300 lbs. per square
- UL Class A fire resistance rating
- UL certified to meet ASTM D3462
- UL certified to meet ASTM D3018 Type 1
- Conforms to CSA Standard A123.5
- Meets ENERGY STAR requirements

For U.S. building code compliance, see product specification sheets.

Landmark Solaris IR Solar Reflectivity (SR), Thermal Emittance (TE) & Solar Reflective Index (SRI) Data

Solaris Blend Name	CRRC Initial SR	CRRC Initial TE	ASTM E408 TE	Solar Reflective Index (SRI)
Aged Cedar	.26	.92	.95	29
Sunset Shake	.26	.92	.95	29
Dusky Clay	.26	.93	.95	29
Crystal Gray	.27	.92	.95	31

warranty

- Lifetime limited transferable warranty – residential
- 50-year limited transferable warranty – group-owned or commercial
- 10-year SureStart™ protection
- 10-year 90 mph wind-resistance warranty
- 10-year StreakFighter™ warranty
- Wind warranty upgrade to 130 mph available. CertainTeed starter and CertainTeed hip and ridge required

See actual warranty for specific details and limitations.

LANDMARK Solaris™ IR color palette



a quick guide to **eco**-living

natural beauty

As an advanced hybrid roofing material, Landmark Solaris IR combines the traditional beauty of asphalt shingles with the ecological benefits of cool-roof technology.

The result is a long-lasting ENERGY STAR rated product.

hot town... **solar** in the city

U.S. cities and suburbs often have air temperatures up to 10 degrees warmer than surrounding areas.

Elevated summertime temperatures in these developed areas produce “heat islands,” which are detrimental to human health and the environment.

Heat islands form as pavement and buildings replace trees and other natural land cover. They add to higher temperatures in the following ways:

- Displaced trees and vegetation minimize the natural cooling effects of shading and evaporation.
- Structures heat the air trapped between them and reduce airflow.
- Waste heat from vehicles and air conditioners add warmth to air.

There are two primary strategies for mitigating heat islands: increasing vegetative cover and installing alternative roofing materials such as Landmark Solaris IR shingles.

smart. sustainable. **and strong. Solaris™ IR**

CertainTeed advanced roofing granules reflect infrared rays to reduce roof temperatures therefore lowering energy costs and reducing the “heat island” effect – a cause of smog, impaired water quality, and heat-related illnesses.

Blending ecological technology and innovative performance, Landmark Solaris™ IR roofing is more durable than traditional shingles. The reflective technology reduces “thermal shock,” the expansion and contraction of exterior building materials.



PARTNER OF THE YEAR

reaching for the **ENERGY STARS**

As the 2009 & 2010 ENERGY STAR Partner of the Year for Energy Management, we are proud of our commitment to designing high quality, sustainable roofing products.

CertainTeed was chosen by the U.S. Environmental Protection Agency from more than 12,000 organizations. The prestigious award recognizes CertainTeed for accomplishments and leadership in reducing greenhouse gas emissions.



We've put green thinking behind our shingle and environmentally sound manufacturing ahead of standard industry practices to produce a product line that is green and growing.

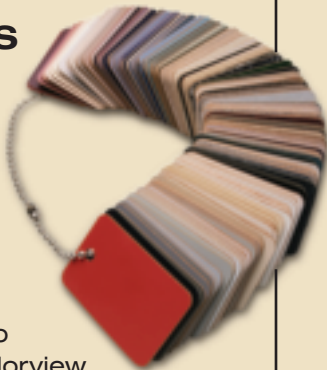
CertainTeed is committed to resource conservation. Our roofing manufacturing facilities recycle close to 90% of the production waste into asphalt materials used for the construction of roads. We also integrate recycled content into many of our packaging needs including corrugated rolls and kraft paper.

They're small steps in a big world. But we're green and growing everyday. It's a commitment we take seriously at CertainTeed.

not sure which color to pick?

CHECK OUT CERTAINTEED'S COLORVIEW.™

ColorView™ is CertainTeed's interactive tool to help you visualize product style and color options. Using it is easy. Just go to www.certainteed.com/colorview.



WinterGuard™

Waterproofing underlayment prevents leaks caused by ice dams and wind-driven rain in the vulnerable areas.

Roofers' Select™

High-performance underlayment is a secondary barrier against leaks for the entire roof.

Shingles and Accessories

High-quality shingles are covered by one of the best warranties in the business. Accessory products - starter course, and hip and ridge cap shingles - complete your roof from start to finish.

Ventilation

Proper attic ventilation improves air circulation. Air Vent, Inc. ventilation products are recommended for use in connection with the Integrity Roof System.

Enjoy the extra confidence of SureStart™ Protection

Your Landmark Solaris IR warranty is strong on its own. But, you also get the added confidence of SureStart protection. That simply means if any problem due to a manufacturing defect occurs during the SureStart period, call us. We'll cover labor and material replacement costs at 100%.

easy selection

What's behind our #1 rating?

Builders and remodelers across America know certain things to be true of CertainTeed. For starters, we've been in the roofing business for over 100 years. We have thousands of satisfied homeowners. The process of building that satisfaction begins the moment you turn to us.

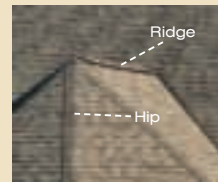
CertainTeed offers you the broadest range of color and style choices. But you'll see it's not style over substance. You'll get a roof that's made from the highest quality materials and backed by a strong warranty program. It's our promise to you: quality made certain, satisfaction guaranteed.

Add a little accent to your roof.

CertainTeed offers Solaris IR hip and ridge accessory products used for capping hips and ridges. They are the perfect finishing touch for your roof, offering blended color designs.

NOTE: Due to limitations of printing reproduction, CertainTeed can not guarantee the identical match of the actual product color to the graphic representations throughout this publication.

#1 rating



long-term protection



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ASK ABOUT OUR OTHER CERTAINTEED® PRODUCTS AND SYSTEMS:

EXTERIOR: ROOFING • SIDING • WINDOWS • FENCE • RAILING • TRIM • DECKING • FOUNDATIONS • PIPE
INTERIOR: INSULATION • GYPSUM • CEILINGS

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