

NOTABLE PROJECTS

Project Name	Location	Building Type
Provo Air Centre, Airport	Turks & Caicos, Providenciales	Commercial
Government House	Antigua	Historic
All Nassau Parliament Square buildings	Nassau, Bahamas	Historic
Tamarind Hills	Antigua	Residential
Sandals Royal Caribbean	Barbados	Residential
Tryall Club	Jamaica	Residential
Four Seasons Resort Estates	Nevis	Residential
Zemi Beach	Anguilla	Resort
Sandy Lane Resort	Barbados	Resort
Mandarin Oriental Resort	Canouan, Saint Vincent and the Grenadines	Resort
Park Hyatt St. Kitts	Christophe Harbour, Saint Kitts	Resort
Kempinski Cabrits Resort & Spa	Dominica	Resort
Iberostar Punta Cana, Bavaro	Dominican Republic	Resort
Nanuku Auberge Resort	Fiji	Resort
Naviti & Warwick Resorts	Fiji	Resort
Azul Sensori, Karisma Resorts	Jamaica	Resort
Amanpulo Resort	Pamalican Island, Philippines	Resort
Peter Island Resort & Spa	Peter Island BVI's	Resort
LeSport Body Holiday	St. Lucia	Resort

Plus dozens of world monument sites, historic renovations, churches, cathedrals, and colonial buildings across the Caribbean. For a full project list, contact us.

DURABILITY

The extreme heat and moisture in tropical climates cause wooden shakes and shingles to rot, discolor, and be more susceptible to mould, mildew, and insects.

Enviroshake products experience less than 2% moisture absorption and feature UV stabilizers as well as anti-fungicides in their pioneering composition, so even in highly humid climates, Enviroshake products will not rot or discolor and remain resistant to mould and mildew growth.

Enviroshake is maintenance-free and backed by a limited lifetime warranty.

Enviroshake's engineered composite roofing products are some of the most durable in the industry and have a Level 4 UL2218 impact test rating—the highest level achievable.

Enviroshake has been tested by CCMC (Canadian Construction Material Certification) a third-party laboratory to ASTM (American Standard Testing Method) for G-53 UV Exposure, ASTM D1149 Ozone Resistance, and ASTM G155 Accelerated Weathering (5000 Hour) and has passed all these tests.

"...Congratulations on how well the Enviroshake held up on Hamilton's house. At my house on Tortola we experienced up to 200mph gusts -difficult to deal with that!"

Jon Osman, Architect BVI
(discussing his client's residence that withstood 200mph winds during Hurricanes Irma and Maria)



Rated 'Excellent' on trustpilot.com

WIND UPLIFT

Enviroshake products are so robust they can even withstand category 5 hurricane winds. Enviroshake products are certified to withstand 180 MPH (290 km/h) winds with a wind uplift pressure of -430 psf. This far exceeds the Miami Dade wind uplift requirement of 110 MPH (177 km/h).

Enviroshake has withstood winds from hurricane Maria, Irma, Thomas, Sandy, Gonzales, Typhoon Haiyan, Typhoon Josie, and others.

POTABLE WATER USAGE

Water runoff from Enviroshake roofs meet all safe potable water requirements set by the World Health Organization, United States Environmental Protection Agency, and Health Canada.



ENVIROCOOL®

Envirocool is our proprietary solar reflective additive that can be added to Enviroshake, Enviroshingle or Enviroslate of any colour.

Cool Roofing products have enhanced solar-reflective properties, allowing them to reflect and emit the sun's solar energy back to the sky, rather than absorbing and transferring the heat into the building below.

The measure of the constructed surface's ability to stay cool in the sun by reflecting solar radiation and emitting thermal radiation is referred to as Solar Reflectance Index (SRI). The higher the SRI score, the less heat that is transferred into the building. To be considered a 'Cool Roof' a product must have an SRI greater than 19. Our Enviroshake Tropical Silver with Envirocool has an SRI of 31; and our Enviroslate Bermuda White with Envirocool has an astounding SRI of 80.9.

BENEFITS

Energy Efficient

Cuts cost by reducing the need for air conditioning and can extend the life of cooling equipment.

A roof with Envirocool can provide savings on household energy costs by up to 30% according to the Cool Roof Rating Council

Increase Occupant Comfort

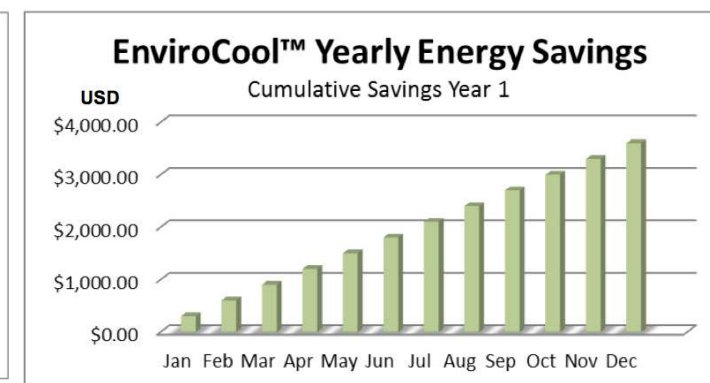
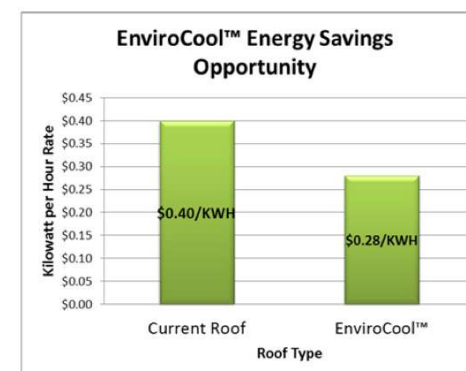
An Envirocool roof can result in naturally cooler indoor temperatures.

Reduce Carbon Emissions

Lowers CO2 and emissions by cutting back the use of fossil fuel-generated electricity.

"... House stays much cooler (we could say 'cold') all year so far. Have to keep socks on when walking on the tile floors. Our solar setup allows us to run AC 24/7 and our last 3 bills have been under \$100 (2 were under \$80) so that's unheard of around here. Enviroshake white slate with Icnene insulation, two great Canadian products both help out tremendously!"

Andrew Stirling, PlantBahamas, Bahamas



STANDARD COLOURS

ENVIROSHAKE



Silvered Cedar

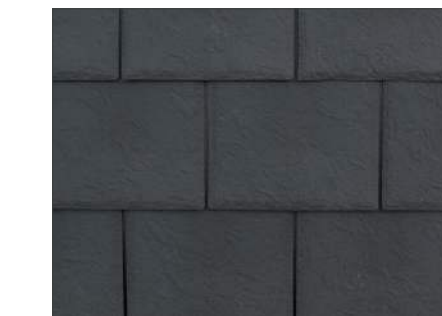


Aged Cedar



Tropical Silver

ENVIROSLATE



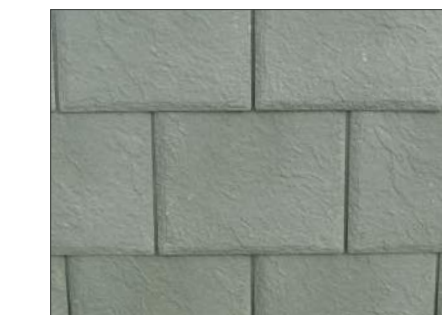
Onyx Black



Charcoal Grey



Stone Grey



Sage Green



Plum Purple



Bermuda White

MAKE YOUR DREAM ROOF A REALITY

Don't see your dream colour? We can make absolutely any colour you can imagine!

CUSTOM COLOUR



Enviroshake: Terra Cotta

MULTI-TONE†



Enviroshake: Green/Grey/Purple



Enviroshake: Aged/Silvered Cedar

All Enviroshake products will weather, and as with cedar, there may be variations in shading and thickness of the shakes/shingles, giving the product a natural look. †These pictures are representations of multi-tone color options. All color combinations are custom.



Enviroshake can be installed for about the same price as wood shingles!



The authentic look of wood shingles and slate with lifetime performance

Enviroshake®

Quality Engineered Roofing

The Authentic Look of Wood Shingles and Slate with Lifetime Performance.



ENGINEERED PERFORMANCE, TRADITIONAL LOOK!

- Authentic wood shake look with eight natural profiles
- Classic slate look with thick sculpted edges
- Category 5 hurricane wind resistance
- Fire retardant - Class A available
- Will not rot, crack, or peel
- Mildew, moss, insect, and critter resistant
- Lower heat transfer than cedar
- Suitable for new construction or re-roofing applications
- No annual maintenance
- Does not mark (ie. Nails or branches will not mark)
- Runoff water is potable
- 30% + lower labour rates than cedar
- Eco-friendly engineering: made of 95% recycled materials

“Following the passage of hurricane Irene it was apparent that the winds, some of which were gusting up to 120mph had resulted in some considerable damage to numerous roofs. I am happy to say that the Enviroshake roof we installed on Bay Street was not one. The product maintained its integrity throughout the storm, both resisting the force of the wind and effective barrier against almost pressurized wind borne rain. In no small part can the success of this property to resist the elements throughout the hurricane attributed to the consistent quality performance of the product.”

**Pete Worboys, Project Manager,
John F. Dunn Nassau Bahamas**

HEAT TRANSFER

Enviroshake products have an engineered underside air pocket design. This design significantly reduces heat transfer to the roof deck compared to traditional materials.

An Enviroshake roof will transfer a minimum of 8% less heat into the roof compared to cedar. This performance is further enhanced when the Enviroshake roof uses the Envirocool additive!



TESTING & APPROVALS

- Miami Dade NOA # 20-0518.01
 - Roof Classification Test UBC 15.2 - Available Class A fire rating as per ASTM E 108
 - Wind Uplift Test - Roof passed as per ASTM D 3161-9a passed Miami Dade at 180 MPH with a wind uplift pressure of -430 psf
 - Wind Driven Rain Test - Modified Dade County PA 100-95 - meets performance requirements for Dynamic Pressure Water Infiltration Resistance
 - Weatherometer Test - Meets test requirements in accordance with ASTM G155 and ASTM D 638 - when viewed by 5x magnification there was no delaminating, cracking, erosion, or chalking that would affect the performance of the shake.
 - Impact Test UL2218 Level 4 - Passed
 - Heat Transfer - A Silvered Cedar Enviroshake® by itself when installed on a 1/2" wood deck will only have transfer 31.66% of the solar heat flow. Compared to a natural cedar shake that will transfer 39.03% of the heat imposed on it.
 - Solar Reflectivity Index - Envirocool is a cool roofing product, with an SRI of 31
- CCMC (Canadian Construction Materials Centre)**
- CCMC Evaluation # 13105-R
 - Evaluation Report (Re-evaluated June 2019)
- Enviroshake has been assessed by the USGBC as contributing between 1 and 2 points to LEED for homes, <4 for LEED 2009 NC, and <5 for LEED Canada NC, out of 9 available points.
 - The NAHB has assessed Enviroshake as contributing 16.5 direct NGBS points.



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Quality Engineered Roofing
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