



Enviroshake[®]
Quality Engineered Roofing

*The Authentic Look of Cedar
with Lifetime Performance.*

www.enviroshake.com • 1-866-423-3302

The Authentic Look of Cedar with Lifetime Performance.



LEED and NGBS Performance Assessment 57 Relevant Points & 16.5 Direct Cert. Points

- CCMC Registration #13105-R
- CCMC (Canadian Construction Materials Centre) Technical Guide available on request
- CCMC Evaluation Report (Re-evaluated June 2009) available on request.
- The NAHB has assessed Enviroshake as contributing 16.5 direct NGBS points.
- 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.
- **Roof Classification Test UBC 15.2** - Class "C" Fire Rated as per ASTM E 108 (Class A system with a Class A underlayment)
- **Wind Uplift Test** - Roof passed as per ASTM D 3161-99a passed Miami Dade at 180 MPH
- **Wind Driven Rain Test** -Modified Dade County PA 100-100-95 –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 (State Farm Insurance approved for homeowner discounts where applicable)
- **Heat Transfer** - An 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, Enviroshake® permits significantly less heat transfer.



2001 Canadian Award of
Excellence for Innovation

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TESTIMONIALS

"We love our roof and are so very pleased that we made the decision to purchase the Enviroshake roof. Just recently we had an appraiser come to our home for an appraisal and this person could not believe our roof was not the cedar shake shingles. They finally said they would accept our word after we offered to show them our purchase agreement. Guess, if we can fool an appraiser, that would be considered a true testament that the Enviroshake definitely does have the look of the cedar shakes."

-Bill & Betsy Buchanan

"I was the 1st one in my neighborhood to consider a substitute for red cedar shingles, but now my neighbors have often stop by and comment on how great the Enviroshake roof looks even though it is not the traditional wood roof to which the neighbors have been used to seeing. I have had several local contractors stop by and inquire about the roof since it looks so great. Overall, I am very satisfied with the Enviroshake roof and strongly recommend it as a cost efficient, long lasting substitute for a traditional cedar wood roof."

-Peter Minior

DURABILITY

- Authentic cedar shakes and shingles are susceptible to problems such as decay, insect infestation, moss, fungus and mildew.
- **Enviroshake®** and **Enviroshingle®** are Fire Retardant and meet Class C (Class A system with a Class A underlayment.)
- Modern cedar shakes and shingles are less durable than they used to be as newer growth cedar is used instead of more dense old growth trees. They may also be cut to thinner thicknesses than that used years ago. Old growth cedar shake roofs used to last 40 years if installed properly. Current roofs may last 15-20 years depending on conditions and installation. Cedar roofs require regular maintenance or a topical treatment in an attempt to extend their lives. No maintenance is required for an **Enviroshake®** or **Enviroshingle®** roof.
- Cedar roofs may be damaged by walking on them, which may be required to repair damage from falling branches or to do maintenance of the chimney or other features external to the roof covering. Both **Enviroshake®** and **Enviroshingle®** roofs tolerate being walked on with no damage.
- Both **Enviroshake®** and **Enviroshingle®** are backed by a lifetime, fully transferable warranty.
- The products were designed and tested to be one of the most durable roofing products in the market. It has been test to -40 and +40 degrees Celsius as required by the National Building Code of Canada Authorization CCMC 13105-R. The material does not absorb moisture in excess of 3% and therefore is not susceptible to the freeze/thaw problems associate with cedar. It is also resistant to moss, mold and mildew.
- **Enviroshake® Inc.** products have been installed on over 5000 residential commercial, historical, resort, and religious properties for over 15 years with 100% customer satisfaction.

Enviroshake®



Enviroshake® offers a hand split shake look at a 9" reveal

Enviroshingle®



Enviroshingle® offers a perfection taper sawn shingle look at a 5" reveal

Enviroshake® and **Enviroshingle®** enhance your homes resale! Unlike a cedar roof which depreciates over time, **Enviroshake®** and **Enviroshingle®** retain their original look and value for the life of the roof and the **Enviroshake® Inc.** lifetime warranty is transferable to the new home buyer. That's added resale value!



Classic Silvered Cedar

Enviroshake® Inc. is pleased to offer various color options to emulate a natural cedar roof. Both **Enviroshake®** and **Enviroshingle®** are available in classic silvered cedar, aged cedar, or multi tone. All **Enviroshake® Inc.** products will weather, and as with cedar, there will be slight variations in shading and thickness of the shakes, giving the product a natural look on the roof.

New Age...Old Look!

- The **Enviroshake®** and **Enviroshingle®** are green products, made from over 95% recycled or reclaimed post-industrial plastics renewable and sustainable cellulosic fibres. Additives are included for UV stabilization, fungicide, insect and mould resistance.
- The formulation is unique.
- Suitable for new construction or re-roofing applications.
- Classic Cedar look with shake and shingle profiles available.
- Does not mark (ie. nails or branches will not mark)



Multi-Tone

- No annual maintenance
- Hail resistant
- High wind ratings
- Won't rot or crack
- Mildew, moss and insect resistant
- Lifetime warranty
- **INSTALLED FOR THE SAME PRICE AS CEDAR**



Aged Cedar

ENVIROSHAKE® INC. VS CEDAR COST COMPARISON

	ENVIROSHAKE® INC.	Fire Retardant Treated Cedar	Non-Treated Cedar
Products	Enviroshake	#1 Blue Label Cedar	#1 Blue Label Cedar
Size of Roof	Typical Roof	Typical Roof	Typical Roof
Material Cost (2012)/Sq. Ft.*	\$5	\$4	\$3
Cedar Breather or Strapping/Sq. Ft.**	NA	\$1	\$1
Interweaving/Sq. Ft.	NA	\$1	\$1
Waste factor %	5%	15%	15%
Comparable Material Costs Sq. Ft.	\$5.25	\$6.9	\$5.75
Comparable Installation Cost at Year 1	\$32,000	\$42,057	\$33,600
Year 5	No Roof Maintenance	Maintenance \$3400	Maintenance \$3400
Year 10	No Roof Maintenance	Maintenance \$3400	Maintenance \$3400
Year 15	No Roof Maintenance	Maintenance \$3400	Maintenance \$3400
Year 20	No Roof Maintenance	Maintenance \$3400	Maintenance \$3400
Year 25	No Roof Maintenance	\$42,057	\$33,600
Year 30	No Roof Maintenance	Maintenance \$3400	Maintenance \$3400
Year 35	No Roof Maintenance	Maintenance \$3400	Maintenance \$3400
Year 40	No Roof Maintenance	Maintenance \$3400	Maintenance \$3400
Year 45	No Roof Maintenance	Maintenance \$3400	Maintenance \$3400
Total Spent after 50 years	\$32,000	\$111,314	\$94,400

Lifetime Savings gained by choosing Enviroshake over Fire Retardant Treated Cedar: \$79,314
Lifetime Savings gained by choosing Enviroshake over non-treated cedar: \$62,400

*Values Used for Material and Labour costs are averages based on 2012 market trends

** As recommended by the Cedar Bureau Installation Guide

*** Taxes (PST & GST) have not been figured into costs as both are constants

**** This represents an average roof of a 4/12 pitch, and does not include tearoff of existing shakes or dump fees, nor hardware and additional materials required (underlay, drip edge, valleys, nails, vents, ridgecaps, and flashing)

***** Roofs with steeper pitch, gables, dormers etc. will have a higher installation cost that would be representative for both cedar and Enviroshake cost models

FULLY TRANSFERABLE LIFETIME WARRANTY