



Eco-\$mart, Inc.

Eco-Shake



The **Eco-shake** is an innovative roofing material comprised of 100% recycled materials, reinforced vinyl and cellulose fiber. The eco-shake shingle is designed to resemble and replace wood shake shingles.

Eco-shake Advantages:

- 50 year warranty
- Class A fire rating (UL@ 790)
- Class 4 impact rating (UL@ 2218)
- Freeze thaw resistant
- Passes 110 mph Wind Driven Rain Testing
- No maintenance
- Color solid throughout (no chipping, peeling, scratching)
- UV protected
- 100% recycled material

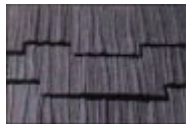
Eco-shake Specifications:

- Weight/square - 250#
 - Bundles/square - 6
 - Product length - 22"
 - Maximum exposure - 10"
 - Maximum side joint spacing - 0.5"
 - Coverage/square - 100 sq. ft. (Random widths - 5", 7", 12")
 - Starter pieces - (cut eco-shake shingle and use non textured half)
 - Linear feet/square - 120'
 - Hip & Ridge pieces/bundle -12
 - Hip & Ridge coverage/bundle - 10ft
 - ICBO# - ER-5471
 - Patent Numbers - 5,635,125 5,992,116
- * when installed over 1/4" densdeck

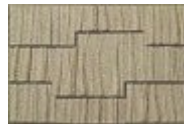
Eco-shake Colors:

A natural range of shades can be seen in all color selections. Custom colors available.

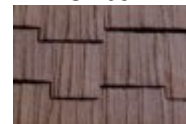
Charcoal



Teak



Umber



For more information, pricing and installation, call:

Eco-\$mart, Inc. 888-329-2705 / www.ecosmartinc.com

All Eco-\$mart products are approved by the nonprofit Florida House Institute for Sustainable Development



Eco-\$mart, Inc

Eco-shake - 2 - Test Results



Eco-shake Test Results:

Texas Department of Insurance
Engineering Services/MC 103-3A
333 Guadalupe Street
PO Box 149104
Austin, TX 78714-9104
Product Evaluation Effective January 15, 1998

Eco-shake shingles manufactured by Re-New Wood, Inc. of Wagoner, OK will be acceptable in areas inland and seaward of the Intra-coastal Waterway when installed in accordance with the manufacturer's installation instructions and this product evaluation.

Underwriters Laboratories, Inc.
333 Pfingsten Road
Northbrook, IL 60062-2096



PREPARED ROOFING MATERIAL
SHINGLES - CLASS A*
CLASS 4**

Issue No. G-891,981

*DEGREE OF RESISTANCE TO EXTERNAL FIRE AND
FLAMMABILITY LIMITS
IN ACCORDANCE WITH UL STANDARD 790
** CLASS 4 IMPACT RESISTANCE
IN ACCORDANCE WITH UL STANDARD 2218
WHEN APPLIED IN ACCORDANCE WITH
INSTRUCTIONS INCLUDED WITH THIS ROOFING

eco-shake

manufactured by Re-New Wood, Inc.

Celotex Corporation (formerly Center for Applied Engineering, Inc.)
10301 Ninth Street
St. Petersburg, FL 33716

- Project: Wind Resistance of Re-New Wood, Inc. Eco-Shake Shingles

Test Method: ASTM D3161 "Wind Resistance of Shingles (modified Fan-Induced Method)"

Test Date: February 9, 1995

SUMMARY OF OBSERVATIONS

Underside of Deck: No water intrusion occurred.

Roof Top Surface: Two shingles lifted at their common seam due to a missing nail. Some fish mouths appeared. All shingles relaxed to their normal position after test.

- Project: UV Exposure of Eco-Shake Shingles

Test Method: ASTM G53, "Standard Practice for Operating Light and Water-Exposure (Fluorescent UV-Condensation Type) For Exposure of Non-Metallic Materials"

Test Date: October 4, 1995

Results: The four (4) specimens were examined after 5000 hours UV/Condensation exposure and the showed no visible cracking or deterioration.

- Project: Temperature cycling of Re-New Wood, Inc. Eco-Shake shingles

Test Method: ICBO AC07-4.8 Temperature Cycling - test

1HR H2O @73 F/6" HR, 6HR @ -40F, 2HR @ 70F, 14HR @ 180F, 1HR @ 70F between 25 cycles

Results: At the end of twenty-five cycles the sample was examined at 5X magnification. The Re-New Wood Eco-Shake sample showed some discoloration but there was no evidence of surface degradation.

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