

Concrete Roof Tiles

FLORIDA/SOUTHEAST & NORTHEAST STANDARD WEIGHT COLLECTION



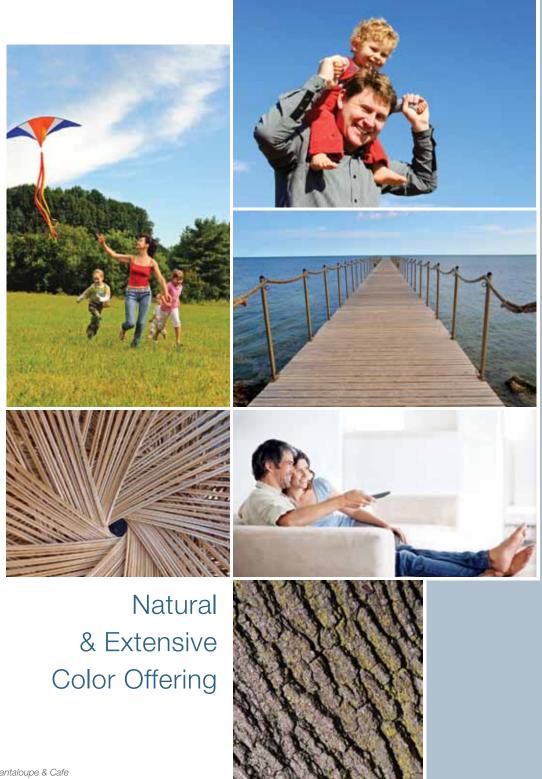


www.boralna.com June 2011

Concrete Roof Tiles

Few roof products are as beautiful or enduring as Boral concrete roof tiles. With so many styles and colors to choose from, you'll find that adding a tile roof to your home is one of the easiest and most effective ways to complement its look and increase its value.

Tile. For the way it looks. And the way it lasts.









Tile is timeless

Only tile enables you to achieve authentic, old-world aesthetics with the benefits of durable, modern materials. Boral Roofing has captured all the characteristics of natural slate, clay and wood which are historically the world's most widespread roofing materials - in a concrete tile. The result is a tile roof of unmatched beauty and a home with incredible curb appeal.

Boral Roofing is continually acknowledged by the industry for our product innovations. And three of our most popular products - Madera, Slate and Barcelona - replicate authentic materials, while reducing installation costs and increasing longevity and energy efficiency.







Always In Stock 🚺 🚻 🔲









Our most popular colors as chosen by you, our customer. Products noted as In Stock are our most readily available colors, please check with your local Sales Representative for current tile availability.

Code Approval: Complies with all building codes including but not limited to ICC ESR-1647. Some approvals are regional and only apply to locally produced products; please contact Boral Roofing before transporting product across state lines. Specifically, products used in the Miami Dade County region of Florida require special testing and recognition. All tiles are Class A fire rated.

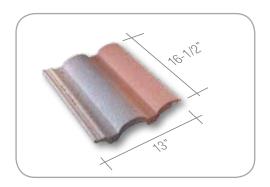
Disclaimer: The printed colors shown in this brochure may vary from actual available tile colors. Before making a final selection, be sure to review actual tile samples and roof installations. Please contact your local sales office for further assistance. Categories, typographical errors subject to change without notice. No performance guarantee is offered or implied beyond that expressly indicated.

Efflorescence is a temporary surface condition which is common to all concrete products. The process is caused by the chemical nature of cement. This reaction can appear as an overall chalky white bloom (a softening of color) or in more concentrated patches. It is difficult to predict how long the effects of efflorescence will last. It depends on the type and amount of deposit as well as local weather conditions. The action of carbon dioxide and rainwater will gradually remove the deposit, in most cases, leaving the original color of the roof intact without further efflorescence occurring. It is superficial and in no way affects the quality or functional properties of the tile.

Vanguard Roll







This tile is designed in the Mediterranean style but features a water channel rolled closer to the valley that hides the channel lock, improving aesthetics. Vanguard Roll features the most popular tile profile in the world, faithfully re-creating the beautiful Mediterranean style found in Italy and Southern France.

- Unique colors and blends can enhance any architectural theme
- Superior strength and durability of concrete tile

Coverage	Installed Weight/Square	Pieces/Pallet	Squares/Pallet	Weight/Pallet
At 3" minimum headlap, 91 field tiles will cover approx. 100 square feet of roof area.	Approx.: 840 lbs.	324	3.56	Approx.: 3170 lbs.



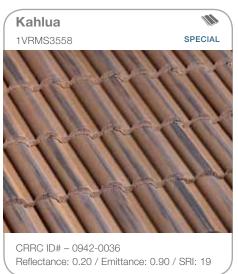








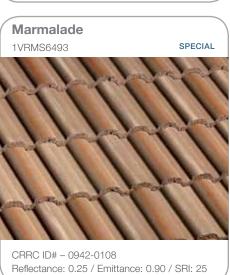
Reflectance: 0.19 / Emittance: 0.89 / SRI: 17

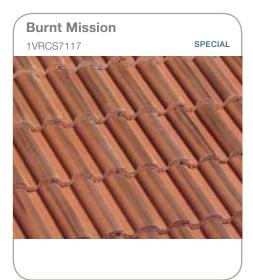






Reflectance: 0.33 / Emittance: 0.90 / SRI: 36

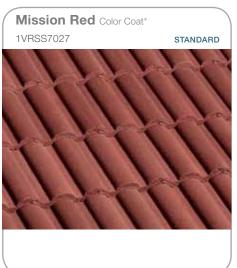






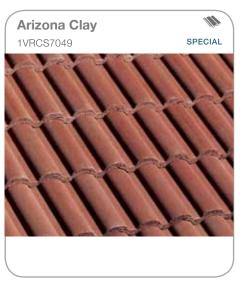












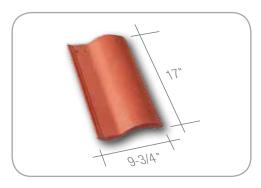






Spanish "S" Nuevo





This modern interpretation of the old world Spanish design creates a distinctive two-piece mission tile appearance in a durable one-piece construction.

- Flexible coursing for easier installation
- Interlocking weather channels for improved performance
- Head lugs for batten installation
- Superior strength and durability of concrete tile
- Produced at our state-of-the-art manufacturing plant

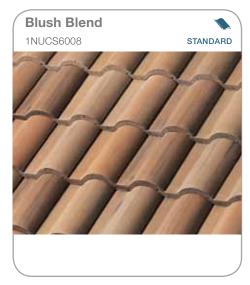
Coverage	Installed Weight/Square	Pieces/Pallet	Squares/Pallet	Weight/Pallet
At 3" minimum headlap, 114 field tiles will cover approx. 100 square feet of roof area.	Approx.: 994 lbs.	380	3.33	Approx.: 3628 lbs.

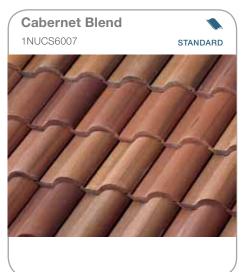






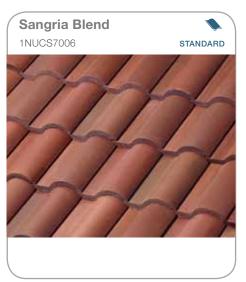


































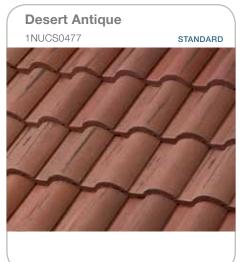




Spanish "S" Nuevo



























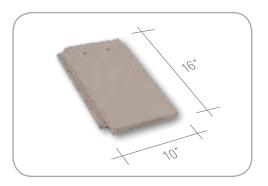








¹When ordering a custom color blend, each color must be ordered separately in half or full pallet quantities. Boral Roofing does not pre-blend custom blends at the factory. In order to avoid any possible unwanted color patterning during the installation, the skilled installer should periodically view the roof from the ground level at a distance of about 50 feet. This procedure will help ensure the desired random look, help avoid "hot spots", checker boarding, streaks or stair stepping. Acceptable blending can only be done during the installation process.



Give your home the relaxing feel of a Bermuda estate with these unique, flat profile tiles.

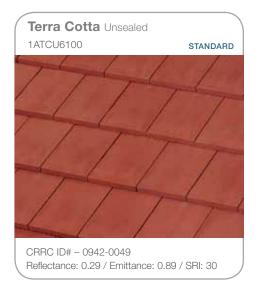
- Unique colors and hues give your home a distinctive Caribbean appearance
- Superior strength and durability of concrete tile

Coverage	Installed Weight/Square	Pieces/Pallet	Squares/Pallet	Weight/Pallet
At 3" minimum headlap, 123 field tiles will cover approx. 100 square feet of roof area.	Approx.: 1040 lbs.	351	2.85	Approx.: 3604 lbs.



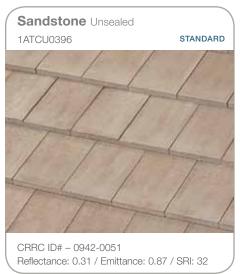










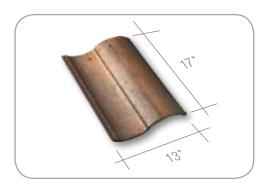












Barcelona 900 is designed to reflect the classic style and distinctiveness of Spanish architecture, popular in the early California missions that stretched from San Diego de Alkalá to San Francisco Solamo.

- Classic style with the durability and value of concrete tile
- Distinct hue combinations that create a beautiful, rustic appearance

Coverage	Installed Weight/Square	Pieces/Pallet	Squares/Pallet	Weight/Pallet
" minimum headlap, 85 field tiles will er approx. 100 square feet of roof area.	Approx.: 850 lbs.	256	3.01	Approx.: 2785 lbs.



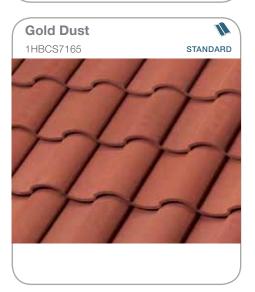




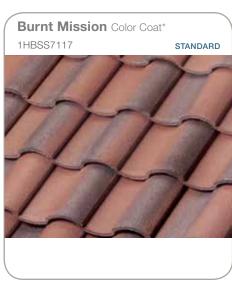












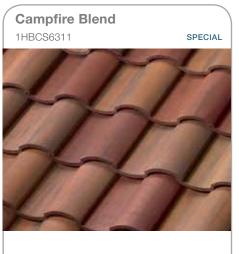




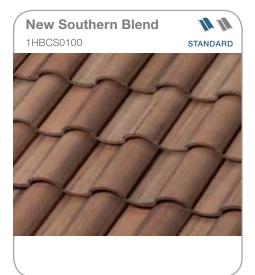


















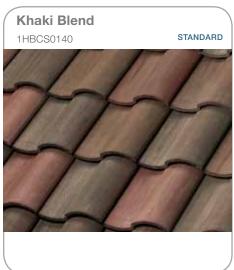


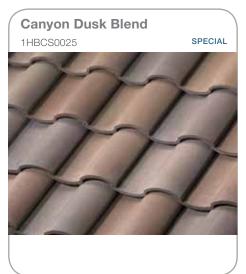










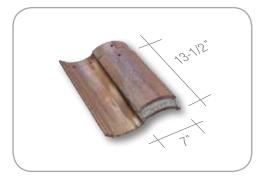








Boosted Barcelona Caps



Boosted Barcelona is an available installation application of Barcelona 900 which, when combined with Barcelona 900 field tiles, creates the appearance of an authentic mortar-boosted tile.

- Available in colors that emulate the warm, rustic tones of natural clay
- Superior manufacturing techniques make Boosted Barcelona simple to install – reducing installation costs

Installed Weight / Square	Pieces/Pallet	Weight/Pallet
10% - Approx. 9 caps per sq. 940 - 950 lbs. 20% - Approx. 18 caps per sq. 980 - 1000 lbs. 30% - Approx. 27 caps per sq. 1020 - 1050 lbs.	244	Approx.: 1270 lbs.







Casa Grande Blend

1BLCS6144K



CRRC ID# - 0942-0014

Reflectance: 0.23 / Emittance: 0.91 / SRI: 23



1BLCS0100K



Khaki Blend

1BLCS0140K



Gold Dust

1BLCS7165K



Florida Blend

1BLCS3903K



Vermont Green

1BLCS4513K



Citrus Clay White Cement

1BLWS7656K



CRRC ID# - 0942-0054

Reflectance: 0.50 / Emittance: 0.91 / SRI: 59

Buckskin

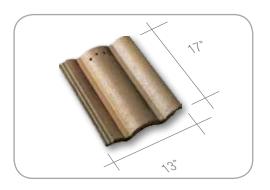
1BLCS0141K



CRRC ID# - 0942-0009

Reflectance: 0.22 / Emittance: 0.90 / SRI: 22





Villa 900 emulates the most popular tile profile in the world, faithfully re-creating the beautiful Mediterranean style found in Italy and Southern France.

- Unique colors and blends can enhance any architectural theme
- Superior strength and durability of concrete tile

Coverage	Installed Weight/Square	Pieces/Pallet	Squares/Pallet	Weight/Pallet
At 3" minimum headlap, 85 field tiles will cover approx. 100 square feet of roof area.	Approx.: 920 lbs.	296	3.48	Approx.: 3498 lbs.











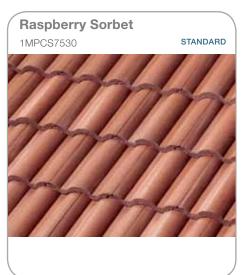


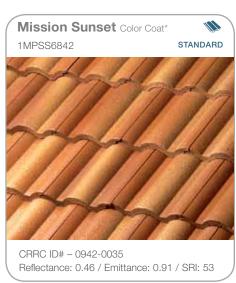












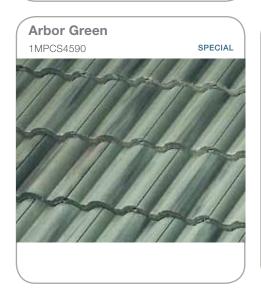


















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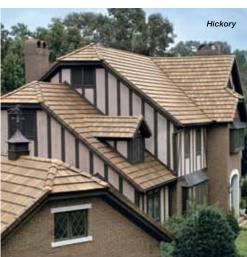


This beautiful design is representative of the roof styles found in England, Northern Europe and the Eastern Seaboard states; and is versatile enough to accentuate any architectural style.

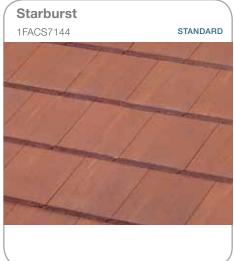
Available in a broad range of colors, it faithfully captures the appearence of natural slate.

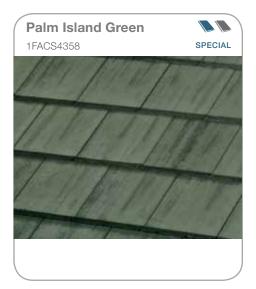
Coverage	Installed Weight/Square	Pieces/Pallet	Squares/Pallet	Weight/Pallet
At 3" minimum headlap, 85 field tiles will cover approx. 100 square feet of roof area.	Approx.: 950 lbs.	288	3.39	Approx.: 3405 lbs.

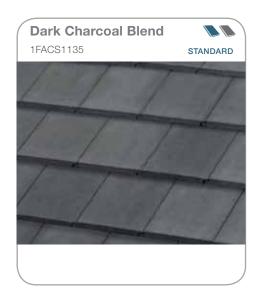


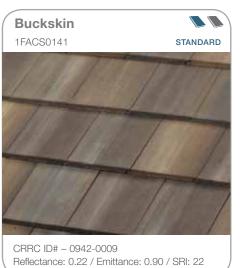


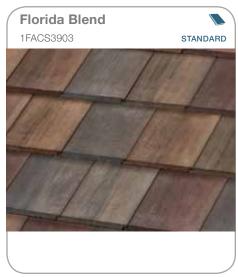


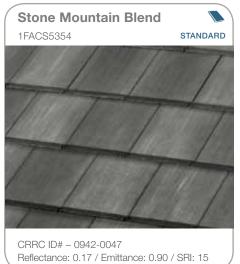


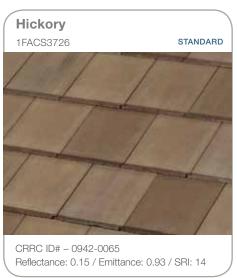


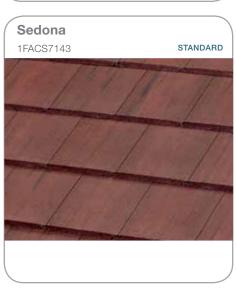


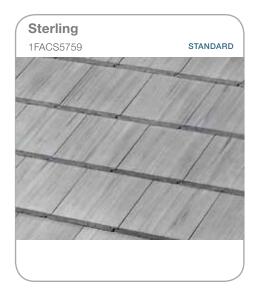




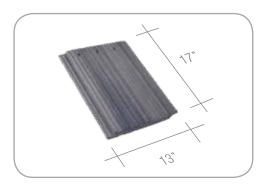












Saxony Shake roof tile perfectly captures the rustic warmth and beauty of country living by recreating the look of hand-hewn shakes. Ideal for French Country, Victorian Craftsman or Cottage architectural styling, these home designs can be enhanced with the diverse color spectrum of the Saxony Shake Collection.

Coverage	Installed Weight/Square	Pieces/Pallet	Squares/Pallet	Weight/Pallet
At 3" minimum headlap, 85 field tiles will cover approx. 100 square feet of roof area.	Approx.: 950 lbs.	288	3.39	Approx.: 3405 lbs.













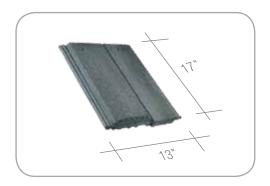






In Stock item available in Pompano Beach, FL





This design features random patterns of coarse and smooth textures and faithfully mimics the appearance of a natural cedar shake roof. Reflecting the beauty and warmth of the country and its hand-hewn split shake roofs, Split Shake is available in a wide variety of rich, rustic colors.

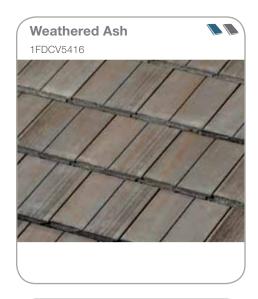
Coverage	Installed Weight/Square	Pieces/Pallet	Squares/Pallet	Weight/Pallet
At 3" minimum headlap, 85 field tiles will cover approx. 100 square feet of roof area.	Approx.: 950 lbs.	288	3.39	Approx.: 3405 lbs.









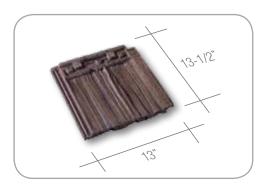






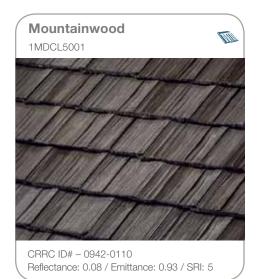






Madera 900 is the most affordable, authentic replication of a hand-split cedar shake roof available. With its realistic wood shake surface, Madera 900 will complement any architectural style.

Coverage	Installed Weight/Square	Pieces/Pallet	Squares/Pallet	Weight/Pallet
At 3-1/2" minimum headlap, 120 field tiles will cover approx. 100 square feet of roof area.	Approx.: 950 lbs.	360	3	Approx.: 3010 lbs.







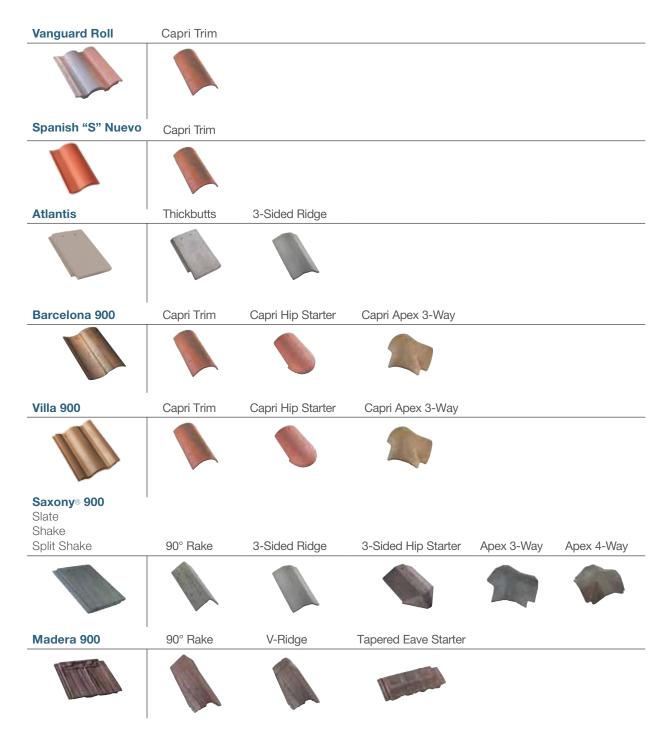




Finishing Touches

Boral Roofing provides all of the necessary products for a durable and beautiful roof installation. Our trim tile is the most efficient and attractive way to complete your roof. In addition to rake and ridge pieces, Boral Roofing manufactures hip starters and apex tiles that ease installation. All are protected by our Limited Lifetime, Fully Transferable, Non-Prorated Product Warranty* for tile.

- Precision production techniques provide a consistent look throughout the project
- Colors and textures complement field tile;
 no need to mix color mortar
- Easier and faster to install than mortar balls; no second steps
- · Reduces labor time and expense



Roof System Components

At Boral we view a roof as not a mere tile covering but a dynamic, performing system that protects, breathes and ages with the structure. By studying roof performance characteristics and failure points, we have created Roof System Components – a collection of components that, when installed properly and used comprehensively, result in a tile roof that lasts longer and increases energy savings.

- Ensures all areas of a roof are protected and utilized for optimum performance
- Improves weatherproofing and "breatheability" of a tile roof
- Helps prevent water damage
- Increases airflow and ventilation
- Provides aesthetically pleasing design elements

When used together, selected products form Boral's Energy Efficient Roof System further reinforcing our belief that we must strive to perfect not only a roof's aesthetic form, but also its primary function. Only then can we provide our customers with a roofing solution unmatched by any other roofing company.

Valleys

Channeling water properly helps prevent it from collecting on the deck – which can damage the underlayment and cause the roof deck and underlying structure to rot.

Vents

It is estimated 75% of homes have deficient attic ventilation, which increases energy costs and diminishes the lifespan of roofing underlayments. These products ensure proper ventilation and help reduce energy costs.

Hip & Ridge

Hips and ridge weather blocking helps prevent wind-driven rain, snow and other debris from entering the peaks and corners of a roof, and increases ventilation.

Fasteners and Tools

While standard roofing nails are typically used according to local code requirements, Boral recommends premium fasteners and tools that offer added performance and security.

Flashing

Proper flashings prevent water, snow and debris from entering joints where the walls meet the roof deck. The use of flashing creates the proper barrier in this situation.

Underlayments

While tile is ultimately the first line of defense against the elements, underlayments provide a secondary level of protection directly on top of the roof deck from deterioration, moisture and leaks.

Eaves

Proper eave treatment creates a finished look for the roof and enhances its overall functionality. By elevating the first course of tile to the proper height, it completes the overall aesthetic of the roof, and protection against infestation.

Battens

Our Elevated Battens are a crucial aspect of Boral's Energy Efficient Roof System, and improve the performance of any tile installation. They provide positive anchoring for each tile, raising each tile off the roof deck to provide ventilation and the unrestricted flow of any moisture on the underlayment.

Rake & Gable End

Boral's alternative to rake tiles provide aesthetic options and protection against weather, animal infestation and debris accumulation.

Energy Efficient Roof Systems

Why should you choose Boral's Energy Efficient Roof System? Highly Energy Efficient and Long Lasting.

How does it work?



Tile roofs are highly insulating and prevent much of the sun's heat from penetrating the building. Boral offers tiles in a wide range of profiles in highly reflective colors and certain tiles meet Energy Star and U.S. Green Building Council's LEED (Leadership in Energy and Environmental Design) rating.

In addition to tile's thermal mass, the air space between the tile and the roof deck provides a layer of insulation. Boral Roof Tiles goes a step further by naturally ventilating this air space. Nearly all the heat that penetrates through the tiles is vented through the ridge. This keeps the building cooler, reducing your energy bills every year with no electrical or mechanical parts. Letting your roof system breathe will also make it last longer than traditional tile roof construction.

How much could you save?

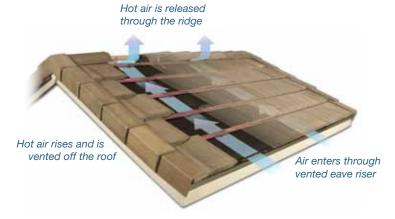


A family in a typical single family house could save up to 22% per year on heating and cooling costs compared to the standard asphalt shingle roof.* A single family house with a Boral's Energy Efficient Roof System could save an average of \$15 to \$20 per month immediately compared to a standard asphalt shingle roof and as energy rates rise year over year, your savings could increase as well and could amount up to \$20,000 over 30 years.**



The most common reason for reroofing is deterioration of the roof system beneath the tiles when tiles or flashings are damaged or installed incorrectly.

Boral roof systems allow moisture that may get under the tiles or flashings to flow down and off the roof deck and quickly dry out, keeping the roof system in good condition to last longer.



Calculate how much you could save by visiting www.BoralNA.com and clicking on the **Energy Calculator button.**



*Steep-slope Assembly Testing of Clay and Concrete Tile with and without Cool Pigmented Colors, Oak Ridge National Laboratory, 2005. Results vary based on profile of tile installed, location, weather and other factors.

**Results based on a 22 square roof in Southern California with no additional energy efficient upgrades during an average annual weather pattern, annual inflation rate of 3%, and annual energy cost increase of 3.5%. Savings may vary based on location, weather and other factors. Savings estimates are 33 based on comparison to similar size asphalt shingle roof.

Eco-Responsible

HIGHLY ENERGY EFFICIENT ROOF SYSTEM COMBINING EARTH FRIENDLY MATERIALS WITH ENERGY STAR RATED ROOF TILES

Energy Star rated roof tiles combined with innovative roof ventilation provide a highly energy efficient roof system. Eco-friendly materials such as concrete or clay, sustainably harvested wood and recycled materials are used to build a system that will last longer. The Elevated Batten System™ combined with StrongSeal® recycled tire rubber underlayment provides superior protection against leaks and contains no asphalt.



Premium

A SUPERIOR SYSTEM WITH BETTER PROTECTION AGAINST THE ELEMENTS AND SIGNIFICANT ENERGY SAVINGS*

Premium quality components and construction methods provide superior durability and energy efficiency.* The Elevated Batten System™ provides natural air insulation and ventilation while eliminating thousands of perforations through the water proofing underlayment. Boral TileSeal® underlayment has a cool white surface and adheres to the deck without nails or staples for better protection against leaks.



Contractor's Choice

AFFORDABLE SYSTEM FOR THE COST-CONSCIOUS

This is an affordable energy saving* roof with better quality and more security than the code minimum standard. This system upgrades a few code required components to create a roof that breathes with the innovative roof ventilation developed by Boral Roofing along with a durable, high performance underlayment at a modest price.



Vented Ridge

- Provides weather protection at hips and ridges
- Exhausts heated air from under the tiles
- Also can ventilate the attic

Underlayment

- High quality protection from the elements as a secondary water proof barrier under tiles
- Underlayments sold by Boral Roofing are backed by a manufacturer's limited warranty

Concrete Tile

- Highly efficient material due to high thermal mass and insulating air space beneath the tiles
- Class A fire rated
- Resistant to rain, snow, hail, fire, noise and high winds - see our Warranty for details*

Vented Eave Riser

- Made to fit the first row of tiles and raise them to proper height
- Provides intake of air for ventilation under the roof tiles
- Profiled styles are decorative and functional

Elevated Batten System™ (EBS)

- Elevates tiles to allow free flow of air and water
- Provides effective thermal barrier and ventilation

Corporate Office

Boral Roofing

200 Mansell Court East, Suite 310 Roswell, GA 30076

Western Office

Boral Roofing

7575 Irvine Center Drive, Ste. #100 Irvine, CA 92618 949 756 1605 Customer Service 800 669 TILE (8453)

ABOUT BORAL ROOFING

Boral Roofing is a division of Boral USA, the country's largest premium provider of complete roofing and re-roofing solutions for architects as well as commercial and residential builders. Boral Roofing operates 15 clay and concrete tile manufacturing plants throughout the US and Mexico.

ABOUT BORAL USA

Headquartered in Roswell, Georgia, Boral USA through its subsidiaries employs approximately 1,500 individuals at more than 140 operating and distribution sites across the United States. The U.S. operations include the country's largest brick manufacturer and the largest clay and concrete roof tile manufacturer.



Sales Offices

Phoenix, ARIZONA
Corona, CALIFORNIA
Gilroy, CALIFORNIA
Lathrop, CALIFORNIA
Stockton, CALIFORNIA

Rialto, CALIFORNIA

Denver, COLORADO

Pompano Beach, FLORIDA

Lake Wales, FLORIDA

Atlanta, GEORGIA

Kapolei, HAWAII Kansas City, MISSOURI Henderson, NEVADA Katy, TEXAS Tacoma, WASHINGTON

www.boralna.com



Download a QR Code reader app for your smartphone, then take a photo to visit our website.



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TILE ROOFING







