

## Florida/Southeast & Northeast

**CONCRETE TILE STANDARD WEIGHT COLLECTION** 



### **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 your lifestyle and increase the value of your home.





## Natural & Extensive Color Offering



### **BORAL'S INNOVATIVE PRODUCTS ARE** SUSTAINABLE, DURABLE AND BEAUTIFUL



**Boral Products are featured** in the VISION House® in INNOVENTIONS presented by Green Builder® Media This green home exhibit is located in INNOVENTIONS at Epcot® at the Walt Disney World® Resort.







**Popular Mechanics' Winner** 2011 Breakthrough Award The year's 10 Most Transformative Products

HOME AND HARDWARE BoralPure® Technology **Smog Eating Concrete Tile** 

#### 2012 Best New Product **Edison Gold Award** Winner

MATERIAL SCIENCE Safety & Sustainability BoralPure® Technology **Smog Eating Concrete Tile** 









### 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.







In Stock - This product is kept in stock at the plant and is available for immediate pick up. You can call customer service to confirm product quantities before arriving.

Made To Order - Minimum order quantity is 25 squares. This product will be custom made per your order quantity and will be ready for pick up from our plant in two to three weeks from your order date.

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 files 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. Inadvertent errors in this publication are 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.

Installation: Please consult the Tile Roofing Institute (TRI) Installation guides for application recommendations.



Choose from one of our many cool roof rated tiles that will improve the energy efficiency by reflecting sunlight and heat away from your roof. When these are combined with our Elevated Batten System, they will provide reduced cooling costs and they may even qualify for local rebates. The Cool Roof Rating Council (CRRC) measures the "coolness" of a roof by determining a roof's solar reflectance (SR) and thermal emittance (TE). Both properties are rated on a scale from 0 to 1, where 1 is the most reflective or emissive. The CRRC measures these two properties for roofing products, both for the product's initial values and after three years of weather exposure. Boral Roofing manufactures products that meet CRRC guidelines, allowing homeowners in some regions to receive utility rebates. Boral Roofing's CRRC rated products help reduce the heat island effect found in urban areas and in general, increases the overall energy efficiency of the building. For current product ratings please visit our website at www.boralroof.com and click on CRRC logo on the home page.

### 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.











**Blush Blend** 

1NUCS6008





In Stock in Lake Wales; Made to Order in Pompano

#### **Gold Spice**

1NUCS6029 STANDARD



Made to Order in Lake Wales and Pompano CRRC ID: 0942-0104/ Refl: .29 / Emit: .88 / SRI: 30

### **Sand Dollar**

1NUCS0028



Made to Order in Lake Wales and Pompano CRRC ID: 0942-0113 / Refl: .29 / Emit: .90 / SRI: 31

In Stock in Lake Wales; Made to Order in Pompano

#### Sangria Blend

**Cabernet Blend** 

1NUCS7006



In Stock in Lake Wales; Made to Order in Pompano

#### **Gold Spice Marble**

STANDARD

STANDARD

1NUCS6067

STANDARD



Made to Order in Lake Wales and Pompano CRRC ID: 0942-0105 / Ref: .22 / Emit: .89 / SRI: 21

#### Wildflower Blend

1NUCS6023

STANDARD



Made to Order in Lake Wales and Pompano

#### **Terra Cotta**

1NUCS6100



Made to Order in Lake Wales and Pompano CRRC ID: 0942-0049 / Ref: .29 / Emit: .89 / SRI: 30

#### **Burnt Brick**

1NUCS6027

STANDARD



Made to Order in Lake Wales and Pompano CRRC ID: 0942-0094 / Ref: .26 / Emit: .89 / SRI: 26

### Spanish "S" Nuevo

#### **Sandstone Antique**



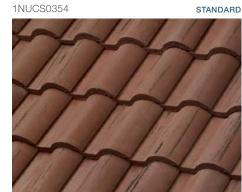
Made to Order in Lake Wales and Pompano

#### Flame Red



Made to Order in Lake Wales and Pompano

#### **Cactus Antique**



Made to Order in Lake Wales and Pompano

#### **Burlap Antique**

1NUCS0052 STANDARD

Made to Order in Lake Wales and Pompano

#### **Eldorado Antique**



Made to Order in Lake Wales and Pompano

#### Spanish Clay 1NUCS6079



STANDARD

STANDARD

Made to Order in Lake Wales and Pompano

#### **Butterscotch Antique**

Made to Order in Lake Wales and Pompano

#### Goldenrod 1NUCS6116

STANDARD



Made to Order in Lake Wales and Pompano CRRC ID: 0942-0043 / Ref: .32 / Emit: .89 / SRI: 34

#### **Desert Antique**

1NUCS0477

STANDARD



Made to Order in Lake Wales and Pompano



#### **Dunes Tan Antique**



Made to Order in Lake Wales and Pompano

#### Sand Dollar Marble



Made to Order in Lake Wales and Pompano CRRC ID: 0942-0114 \ Ref: .24 / Emit: .88 / SRI: 23

#### Sterling



Made to Order in Lake Wales and Pompano

#### Cantaloupe



Made to Order in Lake Wales and Pompano CRRC ID: 0942-0095 \ Ref: .54 / Emit: .91 / SRI: 64

#### **Cantaloupe Marble**

1NUWS6065



Made to Order in Lake Wales and Pompano CRRC ID: 0942-0096 \ Ref: .32 / Emit: .91 / SRI: 35

#### Verona White

PREMIUM

PREMIUM



Made to Order in Lake Wales and Pompano CRRC ID: 0942-0052 \ Ref: .67 / Emit: .91 / SRI: 82

#### Tangelo Marble



Made to Order in Lake Wales and Pompano CRRC ID: 0942-0117 / Ref: .39 / Emit: .91 / SRI: 44

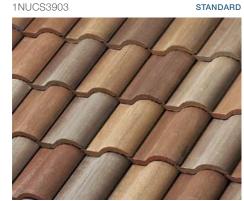
#### **Meadow Blend**

1NUCS4015



Made to Order in Lake Wales and Pompano

#### Florida Blend



Made to Order in Lake Wales and Pompano

### Spanish "S" Nuevo - Custom Blends





### Desert Sunset Custom Blend<sup>1</sup>



Made to Order in Lake Wales and Pompano 33% Eldorado Antique; 33% Cactus Antique 33% Desert Antique

### **Brandywine**Custom Blend<sup>1</sup>



Made to Order in Lake Wales and Pompano Terra Cotta - 33%; Goldenrod - 33% Spanish Clay - 33%

### Charleston Custom Blend<sup>1</sup>



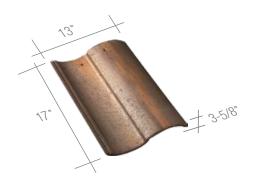
Made to Order in Lake Wales and Pompano 33% Butterscotch Antique; 33% Burlap Antique 33% Sandstone Antique.

#### **Buttercup** Custom Blend<sup>1</sup>



Made to Order in Lake Wales and Pompano 25% Eldorado Antique; 25% Cactus Antique 25% Desert Antique; 25% Dunes Tan Antique.

When 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.



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
At 3" minimum headlap, 85 field tiles will cover approx. 100 square feet of roof area.	Approx: 850 lbs.	256	3.01	Approx: 2785 lbs.







### Barcelona® 900

**Gold Dust** 

1HBCS7165



Canyon Dusk Blend 1HBCS0025

SPECIAL

**Chestnut Burnt** 

1HBCS3242

STANDARD



In Stock in Lake Wales and Pompano



Made to Order in Lake Wales and Pompano



In Stock in Lake Wales and Pompano

Spanish Blend Color Coat\* 1HBSS6789

STANDARD

**Buckskin** 

STANDARD

**New Southern Blend** 

1HBCS0100

STANDARD



In Stock in Lake Wales and Pompano CRRC ID: 0942-0037 / Ref: .33 / Emit: .90 / SRI: 36

1HBCS0141



In Stock in Lake Wales; Made to Order in Pompano CRRC ID: 0942-0009 / Ref: .22 / Emit: .90 / SRI: 22



In Stock in Lake Wales and Pompano

Mission Sunset Color Coat\*

1HBSS6842







In Stock in Lake Wales; Made to Order in Pompano CRRC ID: 0942-0035 / Ref: .46 / Emit: .91 / SRI: 53

**Sterling** 

1HBCS5759



In Stock in Lake Wales and Pompano

Burnt Mission Color Coat\*

1HBSS7117

STANDARD



In Stock in Lake Wales; Made to Order in Pompano

Pinto Blend Color Coat\*



In Stock in Lake Wales; Made to Order in Pompano CRRC ID: 0942-0030 / Ref: .27 / Emit: .91 / SRI: 28

#### **Raspberry Sorbet**



In Stock in Lake Wales; Made to Order in Pompano

#### Paradise Island Tan



Made to Order in Lake Wales and Pompano

#### Khaki Blend



In Stock in Lake Wales; Made to Order in Pompano

#### Belleair Beach Blend

1HBCS6258



Made to Order in Lake Wales and Pompano

#### **Irving Blend**

STANDARD





Made to Order in Lake Wales and Pompano

#### Florida Blend



In Stock in Lake Wales and Pompano

#### **Avalon Beach Blend**



In Stock in Lake Wales and Pompano

#### Casa Grande Blend



In Stock in Lake Wales and Pompano CRRC ID: 0942-0014 / Ref: .23 / Emit: .91 / SRI: 23

### Barcelona® 900

#### **Campfire Blend**

1HBCS6311 SPECIAL

In Stock in Lake Wales; Made to Order in Pompano

#### **Barbados Blend**

1HBCS6423 SPECIAL

In Stock in Lake Wales; Made to Order in Pompano

#### **Citrus Clay**

1HBWS7656 PREMIUM

In Stock in Lake Wales; Made to Order in Pompano CRRC ID: 0942-0054 / Ref: .50 / Emit: .91 / SRI: 59

#### **Desert Spice Blend**

1HBCS6313 **SPECIAL** 



In Stock in Lake Wales; Made to Order in Pompano

#### Café

1HBWS7032



Made to Order in Lake Wales and Pompano

#### **Tangelo**

PREMIUM

1HBWS6177 PREMIUM



Made to Order in Lake Wales and Pompano CRRC ID: 0942-0116 / Ref: .47 / Emit: .90 / SRI: 54

### **Buttercup**

1HBWS6215

PREMIUM



Made to Order in Lake Wales and Pompano





Cantaloupe

1HBWS6312 PREMIUM



Made to Order in Lake Wales and Pompano CRRC ID: 0942-0095 \ Ref: .54 / Emit: .91 / SRI: 64

#### **Vermont Green**

1HBCS4513 SPECIAL



Made to Order in Lake Wales and Pompano

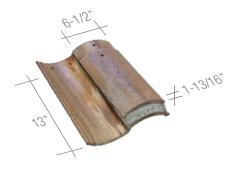
#### White C/T Color Coat\*

1HBBS8001 PREMIUM

In Stock in Lake Wales; Made to Order in Pompano



### **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 mortarboosted 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



Made to Order in Lake Wales and Pompano CRRC ID: 0942-0014 / Ref: .23 / Emit: .91 / SRI: 23

#### **New Southern Blend**

1BLCS0100K



Made to Order in Lake Wales and Pompano

Khaki Blend

1BLCS0140K



Made to Order in Lake Wales and Pompano

Gold Dust 1BLCS7165K



Made to Order in Lake Wales and Pompano

Florida Blend 1BLCS3903K



Made to Order in Lake Wales and Pompano

Vermont Green 1BLCS4513K



Made to Order in Lake Wales and Pompano

**Citrus Clay** White Cement 1BLWS7656K



Made to Order in Lake Wales and Pompano CRRC ID: 0942-0054 / Ref: .50 / Emit: .91 / SRI: 59

Buckskin 1BLCS0141K



Made to Order in Lake Wales and Pompano CRRC ID: 0942-0009 / Ref: .22 / Emit: .90 / SRI: 22

### Villa 900



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.











Champagne Cream 1MPMS0190



Casa Grande Blend



**New Southern Blend** 



In Stock in Lake Wales and Pompano
CRRC ID: 0942-0097 / Ref: .26 / Emit: .91 / SRI: 27

In Stock in Lake Wales and Pompano CRRC ID: 0942-0014 / Ref: .23 / Emit: .91 / SRI: 23

In Stock in Lake Wales and Pompano

Buff Flash Color Coat\*



Gold Dust



Latte



Made to Order in Lake Wales and Pompano CRRC ID: 0942-0032 / Ref: .34 / Emit: .92 / SRI: 38

Made to Order in Lake Wales and Pompano

Made to Order in Lake Wales and Pompano

Hopi Blend Color Coat\*



Made to Order in Lake Wales and Pompano CRRC ID: 0942-0033 / Ref: .49 / Emit: .90 / SRI: 57

**Raspberry Sorbet** 



Made to Order in Lake Wales and Pompano

Mission Sunset Color Coat\*



In Stock in Lake Wales; Made to Order in Pompano CRRC ID: 0942-0035 / Ref: .46 / Emit: .91 / SRI: 53

### Villa 900

Pinto Blend<sup>†</sup> Color Coat\* 1MPSS0689 STANDARD

In Stock in Lake Wales; N/A in Pompano CRRC ID: 0942-0030 / Ref: .27 / Emit: .91 / SRI: 28

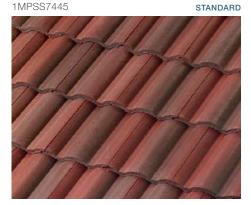
# Taupe Mist Color Coat\* 1MPSS0156 STANDARD

In Stock in Lake Wales; Made to Order in Pompano



Made to Order in Lake Wales and Pompano

#### Mission Red Flash Color Coat\* 1MPSS7445



Made to Order in Lake Wales and Pompano

# Marmalade 1MPCS6493 STANDARD

In Stock in Lake Wales and Pompano



Made to Order in Lake Wales and Pompano

Spanish Blend Color Coat\*



Made to Order in Lake Wales and Pompano CRRC ID: 0942-0043 / Ref: .32 / Emit: .89 / SRI: 34

Kahlua 1MPCS3558



STANDARD

In Stock in Lake Wales and Pompano





N/A in Lake Wales; In Stock in Pompano

<sup>\*</sup>Note: Pinto Blend does not match the former Vanguard Roll Pinto Blend color. South Beach Blend is the correct color match to the former Vanguard Roll Pinto Blend.











### Villa 900

Amber Sand Color Coat\* 1MPSS0555



Made to Order in Lake Wales and Pompano CRRC ID: 0942-0092 / Ref: .56 / Emit: .90 / SRI: 67

**Burnt Mission** 

STANDARD



In Stock in Lake Wales and Pompano

**Arizona Clay** 





In Stock in Lake Wales and Pompano

**Sterling** 



Made to Order in Lake Wales and Pompano

**Apple Cider** 1MPCS0263



In Stock in Lake Wales and Pompano CRRC ID: 0942-0117 / Ref: .39 / Emit: .91 / SRI: 44

**Athenian Blend** 

STANDARD





Made to Order in Lake Wales and Pompano

White C/T Color Coat\* 1MPBS8001



#### **Arbor Green** 1MPCS4590



Made to Order in Lake Wales and Pompano









### Saxony® 900 Slate



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 appearance 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.











**Dark Charcoal Blend** 



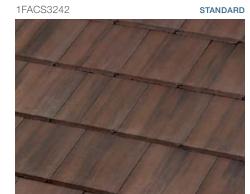
In Stock in Lake Wales and Pompano

**Buckskin** 



In Stock in Lake Wales and Pompano CRRC ID: 0942-0009 / Ref: .22 / Emit: .90 / SRI: 22

**Chestnut Burnt** 



Made to Order in Lake Wales and Pompano

**Stone Mountain Blend** 



In Stock in Lake Wales and Pompano
CRRC ID: 0942-0047 / Ref: .17 / Emit: .90 / SRI: 15

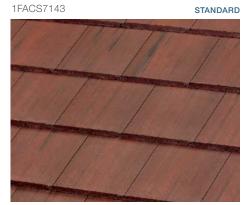
Hickory 1FACS3726



In Stock in Lake Wales and Pompano
CRRC ID: 0942-0065 / Ref: .15 / Emit: .93 / SRI: 14

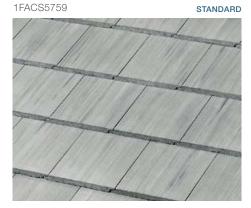
Sedona

STANDARD



In Stock in Lake Wales; Made to Order in Pompano

#### Sterling



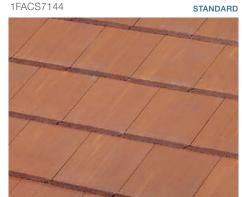
In Stock in Lake Wales; Made to Order in Pompano

#### Florida Blend



In Stock in Lake Wales and Pompano

#### **Starburst**



Made to Order in Lake Wales and Pompano





Latte

1FACS3035





In Stock in Lake Wales and Pompano

### White C/T Color Coat\* 1FABS8001



In Stock in Lake Wales and Pompano
CRRC ID: 0942-0027 / Ref: .75 / Emit: .91 / SRI: 93

#### Palm Island Green





In Stock in Lake Wales; Made to Order in Pompano

#### Paradise Island Tan

1FACS0084





Made to Order in Lake Wales and Pompano

#### **Weathered Ash**

1FACS5416



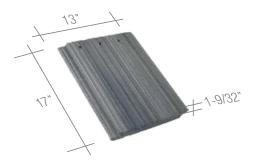
STANDARD

Made to Order in Lake Wales and Pompano





### Saxony® 900 Shake



Saxony Shake roof tile perfectly captures the rustic warmth and beauty of country living by recreating the look of handhewn 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.







#### **Charcoal Brown Blend**

1FBCF1132 STANDARD



In Stock in Lake Wales and Pompano CRRC ID: 0942-0005 / Ref: .18 / Emit: .91 / SRI: 17

#### **Sterling**

1FBCF5759 STANDARD



Made to Order in Lake Wales and Pompano

#### **Brown Blend**

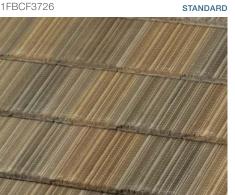
1FBCF3233 STANDARD



Made to Order in Lake Wales and Pompano CRRC ID: 0942-0003 / Ref: .20 / Emit: .92 / SRI: 20

#### Hickory

1FBCF3726



Made to Order in Lake Wales and Pompano CRRC ID: 0942-0065 / Ref: .15 / Emit: .93 / SRI: 14

#### **Shadow Grey**

1FBCF5225 STANDARD



Made to Order in Lake Wales and Pompano





### Saxony® 900 Split Shake



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.









#### **Weathered Ash**

1FDCV5416 STANDARD



Made to Order in Lake Wales and Pompano

#### **Charcoal Brown Blend**

1FDCV1132



Made to Order in Lake Wales and Pompano CRRC ID: 0942-0005 / Ref: .18 / Emit: .91 / SRI: 17

#### **Shadow Grey**

STANDARD

1FDCV5225 STANDARD



Made to Order in Lake Wales and Pompano

#### **Hickory** 1FDCV3726

CV3726 STANDARD



Made to Order in Lake Wales and Pompano CRRC ID: 0942-0065 / Ref: .15 / Emit: .93 / SRI: 14







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.

#### Mountainwood

1MDCL5001



In Stock in Gilroy, CA
CRRC ID: 0942-0110 / Ref: .08 / Emit: .93 / SRI: 5

#### Autumnwood

1MDCL3002

PREMIUM



In Stock in Gilroy, CA
CRRC ID: 0942-0070 / Ref: .13 / Emit: .87 / SRI: 8

#### Vintagewood

1MDCL5011

PREMIUM



PREMIUM

Made to Order in Gilroy, CA CRRC ID: 0942-0089 / Ref: .12 / Emit: .94 / SRI: 11





### BoralPure® Smog Eating Tile

#### A premium sustainable roof that can help clean the air we breathe.

It's now possible for a roof to reduce harmful, disease-causing pollutants from the air. Boral is the first to introduce this application to roofing products in the American building industry – BoralPure® Smog Eating Tile.

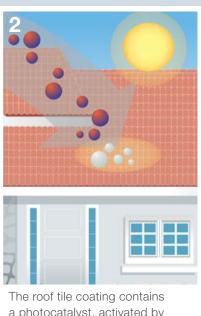




### How Does it Work?



Smog Eating Tile oxidizes harmful NOx released from vehicles by converting them into cleaner air that is safer to breathe.



The roof tile coating contains a photocatalyst, activated by daylight, which helps convert harmful Nitrogen Oxides into Calcium Nitrates.



#### A Proven De-Pollutant

Over one year, a 2,000 square foot BoralPure® Smog Eating Tile roof can oxidize the same amount of Nitrogen Oxide as a car produces from being driven up to 10,800 miles.1

#### A Stay-Clean Roof

In addition to its de-polluting capabilities, BoralPure® helps keep your roof clean. The tile coating may help hinder the formation of organic substances such as mold and algae.<sup>2</sup>

"In the studies conducted in Europe where they actually applied it [Titanium Dioxide] to roadways the air was measurably cleaner. It works."

Michael Chusid, President of Chusid Associates, a marketing and technical consultant on building products

<sup>&</sup>lt;sup>1</sup>US Environmental Protection Agency Vehicle Program Tier 2 Standard; Daylight hours based on Los Angeles, California; Laboratory air-purification performance testing per ISO 22197-1: 2007; results may vary depending on geographic location, weather and other factors including but not limited to Nitrogen Oxide concentration in the air.

### BoralPure® Collection



#### BoralPure® Barcelona

Barcelona is reminiscent of the Spanish roofs found on early missions in California, dramatically capturing the beautiful, rustic appearance of the Old World.

Coverage	Installed Weight / Square
At 3" minimum headlap, 89 field tiles will cover approx. 100 square feet of roof area.	Approx: 900 lbs.

F.O.B. Henderson, NV - F.O.B. Rialto, CA

Via Rocco

**Amada Blend** 

1BCAS3108



1BCAS5111

Kern Canyon Blend

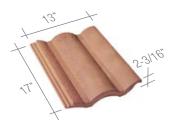




Made to Order CRRC ID: 0942-0119 / Ref: .19 / Emit: .85 / SRI: 15

Made to Order

Made to Order CRRC ID: 0942-0128 / Ref: .15 / Emit: .86 / SRI: 11



#### BoralPure® Villa 900

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

Coverage	Installed Weight / Square
At 3" minimum headlap, 87 field tiles will cover approx. 100 square feet of roof area.	Approx: 930 lbs.

F.O.B. Stockton, CA - F.O.B. Rialto, CA

Kern Canyon Blend 1VIAS5111



Made to Order

San Miguel Blend 1VIAS6151



Made to Order

**Goldenrod Flash** 

1VIAS6118



CRRC ID: 0942-0084 / Ref: .28 / Emit: .92 / SRI: 30



# Boral Pure® Saxony® 900 Country Slate

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

Coverage	Installed Weight / Square
At 3" minimum headlap, 85 field tiles will cover approx. 100 square feet of roof area.	Approx: 910 lbs.

F.O.B. Stockton, CA - F.O.B. Rialto, CA

### Whitney Grey

1FEAY5110



Made to Order

#### Kern Canyon Blend

1FEAY5111



Made to Order



### BoralPure® Saxony® 900 Shake

Saxony Shake roof tile perfectly captures the rustic warmth and beauty of country living by recreating the look of hand-hewn shakes.

Coverage	Installed Weight / Square
At 3" minimum headlap, 85 field tiles will cover approx. 100 square feet of roof area.	Approx: 910 lbs.

F.O.B. Stockton, CA - F.O.B. Rialto, CA

#### Kern Canyon Blend

1FBAF5111



Made to Order

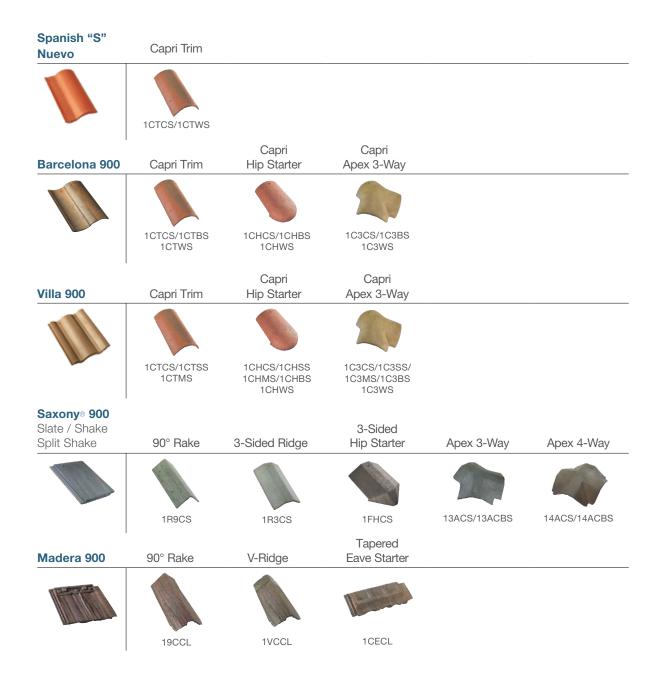




### Finishing Touches

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 easy to install. 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**

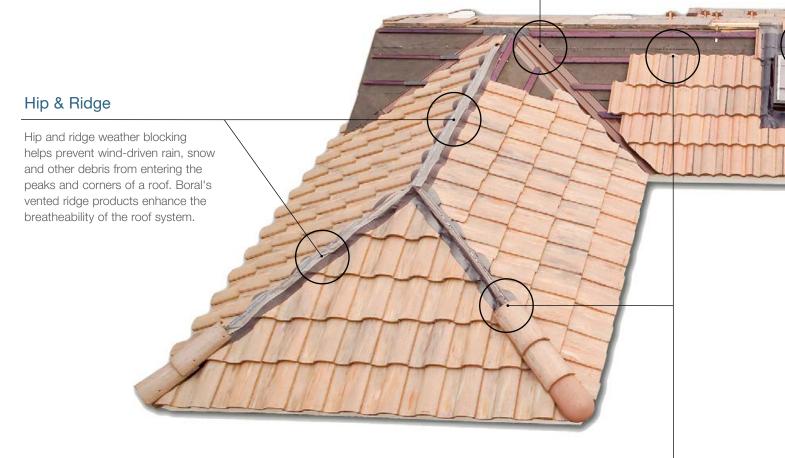
At Boral we view a roof as not a mere tile covering but a dynamic, performing system that protects, breathes and ages with the structure. By studying roof performance characteristics and failure points, we have created Roof System Components – a collection of components that, when installed properly 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 installing a new tile roof or reroofing, choosing to upgrade a few components can make a big difference. Make your roof a Boral™ Cool Roof System by including a few select Boral components that ventilate and help protect the roof system. Choose a roof system that will perform better and last longer.

#### **Valleys**

Boral's valley products are designed for tile roofs with ribs that support the tiles and channel water off the roof.





For complete list of Roof System Components or to order catalog please visit **www.boralroofcomponents.com** 

#### Fasteners & Tools

Boral offers the QuikDrive® screw gun and roofing specific screws for fast, easy and reliable fastening.

#### Flashing

Proper flashings prevent water, snow and debris from entering joints where the walls meet the roof deck. Boral's Wakaflex® flashing material is the top choice for these critical areas of the roof.

#### Underlayments

Underlayments provide a secondary level of protection directly on top of the roof deck. Boral offers a range of high quality underlayments for better protection and peace of mind.



Boral's eave products create a finished look for the roof and enhance its overall functionality. Elevating the first course of tiles to the proper height completes the overall aesthetic of the roof and helps protect against infestation.

#### **Oxides**

Oxides are pigments used to color the mortar sometimes used to seal tiles along the hip and the ridge. The oxides that Boral Roofing provides are specific to the tile colors offered and are the same pigments used in the manufacture of the tiles.

**Battens** 

Our Elevated Battens are a crucial part of the Boral™ Cool Roof System and improve the performance of any tile installation. They provide positive anchoring for each tile and raise the tiles off the roof deck to provide ventilation and the unrestricted drainage 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.

### Boral™ Cool Roof System

# Why should you choose a Boral<sup>™</sup> Cool 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 go 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 tile roof system breathe will also make it last longer than traditional roof construction.

#### How much could you save?

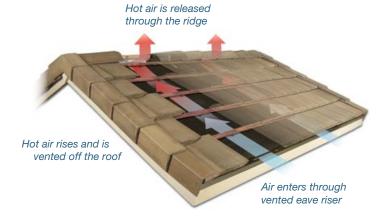


According to Oak Ridge National Laboratory, an independent testing agency, a family in a typical single family house could save up to 22% per year on heating and cooling costs compared to the standard asphalt shingle roof.<sup>1</sup> A single family house with a Boral Cool Roof System could save an 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.<sup>2</sup>



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

The Boral Cool Roof System allows 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.boralroofcomponents.com and clicking on the **Energy Calculator** button.



### Up to Approximately \$20,000 in savings over 30 years<sup>2</sup>

<sup>†</sup>Temperatures measured in simulated attics using identical heat sources simulating sun's radiation to compare Boral's Cool Roof System to common asphalt shingle roof system.

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.

<sup>&</sup>lt;sup>2</sup>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 based on comparison to similar size asphalt shingle roof.

#### 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.



#### **Preferred**

#### A BETTER TILE ROOF SYSTEM -MORE PROTECTION PLUS ENERGY EFFICIENCY

Better quality components installed correctly provide better quality results. The Elevated Batten System® provides natural air insulation and ventilation while eliminating thousands of perforations through the water proofing underlayment. GatorSeal® 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 saving¹ 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
- Durable & long lasting<sup>3</sup>

### 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

Boral® Products are featured in the VISION House® at INNOVENTIONS presented by Green Builder® Media.

This green home exhibit is located in INNOVENTIONS at *Epcot*<sup>®</sup> at the *Walt Disney World*<sup>®</sup> Resort.

#### **Popular Mechanics' Winner**



2011 Breakthrough Award for Home and Hardware BoralPure® Technology Smog Eating Concrete Tile

#### **Edison Gold Award Winner**



2012 Best New Product in Safety & Sustainability BoralPure® Technology Smog Eating Concrete Tile

#### **ABOUT BORAL ROOFING**

Boral Roofing is a subsidiary of Boral USA, and is 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 14 clay and concrete tile manufacturing plants throughout the U.S.

#### **ABOUT BORAL USA**

Headquartered in Roswell, Georgia, Boral USA is the holding company for Boral's US operations which include leading manufacturers in the building material industry. Boral USA's subsidiaries include Boral Bricks; #1 manufacturer of clay brick in the United States, Boral Roofing; the nation's leading manufacturer of clay and concrete roof tiles, Boral Stone Products, manufacturer of Cultured Stone® the most recognized brand of manufactured stone veneer, and Boral Composites Inc; manufacturer of Boral TruExterior® Trim, the #1 brand of poly-ash exterior trim products.

Build something great™ with Boral® Cultured Stone | Bricks | Trim | Roofing

www.boralna.com

#### TileVision. Imagine The Possibilities









Use our online design tool to visualize tile designs and colors that best match your home design and architecture.

Save your favorites to a cart and share your vision with your family and friends on Facebook!

#### 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

#### 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

### Customer Service

800 669 TILE (8453)



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



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