Clay Roof Tile standard and lightweight collections

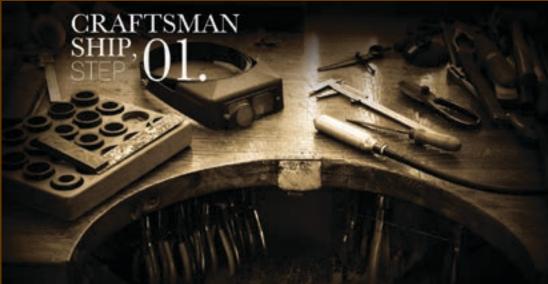


Westlake Royal Roofing Solutions™

RoofTiles



- Select Cool Roof Rated Colors
- Color Fade Limited Warranty*
- Cradle to Cradle Certified
- 100% Recyclable
- Up to 59% Recycled Content
- Class A Fire Rated
- Select Hail Rated Products



Inspired by nature



USTile[®] **Clay Roofing Products**

A Roof for the Ages

A genuine clay tile roof has a story to tell, a tale of legendary craftsmanship, timeless taste, and uncompromising values.

For over 5,000 years, visionary people have crowned their homes with clay tile roofs. It continues to be a cherished tradition because of its lasting beauty and enduring strength over time.

Made from natural materials, the raw clay is literally transformed by fire. It becomes an aesthetic object shaped for time-tested style and performance, and it can remain virtually unchanged after decades of service. Clay tile roofs make a bold statement about a way of life and the art of living.

The Best Possible Clay Tile Roof

Our passion is to create the best clay tile possible, a symbol of premium roofing. Artisan inspired, crafted with care for the earth and a sense of value, our American-made tile is produced in our cuttingedge manufacturing facility. Stringent quality control assures tiles that look consistently exquisite and install smoothly.

Supporting tradition with design innovation, our tile allows for customized installations including staggering, boosting, serpentine patterns, and more.

CRRC RATED

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. US Tile® manufactures some products that meet CRRC guidelines, allowing homeowners in some regions to receive utility rebates. US Tile® products that are CRRC rated help reduce the heat island effect found in urban areas and in general, increases the overall energy efficiency of the building. For current US Tile Cool Rated products listed on the CRRC website, please visit www.coolroofs.org.

Recycled Content - percentage of pre-industrial content.

*Please refer to the Clav Limited Product Warranty: details found on our website at WestlakeRovalRoofing.com

The Most Environmentally Responsible Tile Available

Our clay tile is made from up to 59% recycled material and the raw materials are sourced locally reducing transportation and minimizing the environmental footprint.

Our premium manufacturing process exposes the unique, exquisite colors of clay in a pallet of rich and vibrant hues. Clay tile tends to be naturally reflective and many of our colors meet the highest cool roofing standards such as LEED, which can help improve comfort and energy efficiency.

A Promise of Performance

We believe in our clay roof tile products, which outperform virtually any roofing product on the market today. We demonstrate our belief by offering a powerful warranty to the original purchaser, which is transferrable to a new owner for a term of 50 years.*

For appropriate regions that experience full winter weather, some of our clay tiles meet Grade 1 standards per ASTM C1167.



2-Piece Mission

True two-piece Mission barrel tiles speak of history, security and luxury. With a simple, practical design that dates back to the Bronze Age, mission tiles have adorned the roofs of palaces, temples and the early missions in California.

2-Piece Mission tile is a perfect execution of a timeless tradition. Durable, colorfast and manufactured with the most modern methods and the highest standards, 2-Piece Mission tiles distinguish your home with unmatched beauty and elegance. All 2-Piece Mission colors are Grade 1 tested and approved per ASTM C1167.



Enduring beauty









Madera Blend

Red



CRRC ID: 0942-0177 Ref: .28 / Emit: .87 / SRI: 28 / Aged SRI: 23

Carmel Blend Tuscany tops: 1UADU0075 / pans: 1UBDU0073 49%



CRRC ID: 0942-0178 Ref: .35 / Emit: .87 / SRI: 37 / Aged SRI: 32

Mallorca

Fire Flash



CRRC ID: 0942-0130 Ref: .42 / Emit: .86 / SRI: 46 / Aged SRI: 42

CRRC: 0942-0157a

2

*Estimated Aged SRI

tops: 1UADU3107 / pans: 1UBDU6078 59% tops: 1UADU7025 / pans: 1UBDU7025 59%

El Camino Blend tops: 1UADU6073 / pans: 1UBDU7025 59%

CRRC ID: 0942-0224 Ref: .31 / Emit: .86 / SRI: 32 / Aged SRI: 27*



CRRC ID: 0942-0138a Ref: .28 / Emit: .84 / SRI: 27 / Aged SRI: 24



CRRC ID: 0942-0156a Ref: .22 / Emit: .86 / SRI: 20 / Aged SRI: 20





CRRC ID: 0942-0179 Ref: 0.25 / Emit: 0.86 / SRI: 24 / Aged SRI: 22

Ref: .25 / Emit: .85 / SRI: 23 / Aged SRI: 23

Newport Blend tops: 1UADU7040 / pans: 1UBDU6075



CRRC: 0942-0160a Ref: .19 / Emit: .86 / SRI: 15 / Aged SRI: 17



Old World #1

CRRC ID: 0942-0158a Ref: .43 / Emi: .84 / SRI: 47 / Aged SRI: 43



CRRC ID: 0942-0131b Ref: .42 / Emit: .84 / SRI: 45 / Aged SRI: 43

Old World #2 tops: 1UADU6078 / pans: 1UBDU6078 59%



CRRC ID: 0942-0161a Ref: 0.29 / Emit: 0.84 / SRI: 28 / Aged SRI: 29

Turino Blend tops: 1UADU6082 / pans: 1UBDU6080



CRRC ID# - 0942-0180 Ref: .38 / Emit: .87 / SRI: 41 / Aged SRI: 38

Old World #3 tops: 1UADU3114 / pans: 1UBDU6078 59%



CRRC ID: 0942-0159a Ref: .30 / Emit: .85 / SRI: 30 / Aged SRI: 29

Rustic Carmel tops: 1UADI0075 / pans: 1UBDU0073



CRRC ID: 0942-0178 Ref: .35 / Emit: .87 / SRI: 37 / Aged SRI: 32





CRRC ID: 0942-0160a Ref: .19 / Emit: .86 / SRI: 15 / Aged SRI: 17

Rustic Palermo tops: 1UADI6081 / pans: 1UBDU7025



CRRC ID: 0942-0179 Ref: .25 / Emit: 0.86 / SRI: 24 / Aged SRI: 22

Rustic Madera tops: 1UADI3107 / pans: 1UBDU6078



CRRC ID: 0942-0177 Ref: .28 / Emit: .87 / SRI: 28 / Aged SRI: 23



Transforming style and substance into roofing





2-Piece Monarch

The Old-World charm of traditional small-barrel, high-arch clay tile is captured exquisitely by our two-piece Monarch tile. For the truly inspired designer or homeowner, this authentic Mediterranean style offers a more closely refined roof that is distinctive, vibrant and universally appealing.

Monarch tiles are rich with the time-honored aura of kiln-fired clay, made with modern consistency and efficiency to the most exacting standards of quality, strength, and durability.



Aesthetics of traditional European styling



Madera Blend
tops: 1UCDU3107 / pans: 1UDDU3107Newport Blend
tops: 1UCDU7040 / pans: 1UDDU7040Turino Blend
tops: 1UCDU6082 / pans: 1UDDU6081



CRRC ID: 0942-0177 Ref: .28 / Emit: .87 / SRI: 28 / Aged SRI: 23

Carmel Blend

tops: 1UCDU0075 / pans: 1UDDU3107 49%



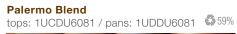
CRRC ID: 0942-0178 Ref: .35 / Emit: .87 / SRI: 37 / Aged SRI: 32

CRRC ID: 0942-0179 Ref: .25 / Emit: 0.86 / SRI: 24 / Aged SRI: 22





CRRC ID: 0942-0160a Ref: 0.19 / Emit: 0.86 / SRI: 15 / Aged SRI: 17







CRRC ID: 0942-0180 Ref: .38 / Emit: .87 / SRI: 41 / Aged SRI: 38



1-Piece "S" Tile

The sophisticated composition of one-piece "S" clay tile accents the curvature of the roof, creating a distinct, elegant dimensional color. The covers and pans of classic barrel tile are joined into a single, strong, efficient piece that radiates the traditional clay tile appeal.

US Tile[®] clay tile is crafted with meticulous care. 1-Piece "S" Tile is designed to allow custom options such as boosting for that artisan inspired installation while saving time and cost, making clay tile beauty and value available at substantial savings.

All 1-Piece "S" Tile has been Class 3 hail rated by Architectural Testing Roof Covering Impact Certification Program: www.archtest.com., and Grade 1 tested and approved by ASTM C1167.



Superior durability without compromising true, kiln-fired looks





Turino Blend 1USDU6082

49%



CRRC ID: 0942-0180 Ref: .38 / Emit: .87 / SRI: 41 / Aged SRI: 38

Carmel Blend 1USDU0075

Newport Blend 49% 1USDU7040

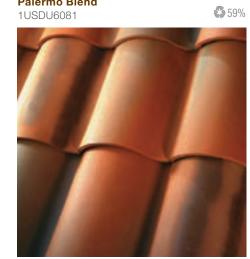


CRRC ID: 0942-0178 Ref: .35 / Emit: .87 / SRI: 37 / Aged SRI: 32

Madera Blend

1USDU3107

Palermo Blend 59%



Ref: .28 / Emit: .87 / SRI: 28 / Aged SRI: 23

CRRC ID: 0942-0177

1USDU6073



CRRC ID: 0942-0138a



El Camino Blend

59%

Ref: .28 / Emit: .84 / SRI: 27 / Aged SRI: 24



CRRC ID: 0942-0160a Ref: .19 / Emit: .86 / SRI: 15 / Aged SRI: 17





CRRC ID: 0942-0130 Ref: 0.42 / Emit: 0.86 / SRI: 46 / Aged SRI: 42

Red 1USDU7025

59%

49%



CRRC ID: 0942-0224 Ref: .31 / Emit: .86 / SRI: 32 / Aged SRI: 27*

Ref: .25 / Emit: .86 / SRI: 24 / Aged SRI: 22

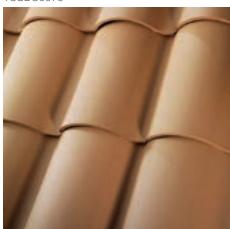
Fire Flash 1USDU6074

59%



CRRC ID: 0942-0157a Ref: .25 / Emit: .85 / SRI: 23 / Aged SRI: 23

Old World #1 1USDU0073



CRRC ID: 0942-0158a Ref: .43 / Emit: .84 / SRI: 47 / Aged SRI: 43

Old World #2 1USDU6078



CRRC ID: 0942-0161a Ref: .29 / Emit: .84 / SRI: 28 / Aged SRI: 29



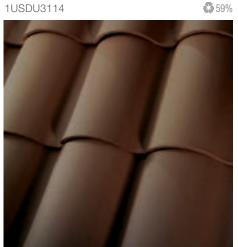
CRRC ID: 0942-0131b Ref: .42 / Emit: 0.84 / SRI: 45 / Aged SRI: 43

Tuscany 1USDU6075 **\$** 59%



CRRC ID: 0942-0156a Ref: .22 / Emit: .86 / SRI: 20 / Aged SRI: 20

Old World #3 1USDU3114



CRRC ID: 0942-0159a Ref: .30 / Emit: .85 / SRI: 30 / Aged SRI: 29





CRRC ID: 0942-0178 Ref: .35 / Emit: .87 / SRI: 37 / Aged SRI: 32



CRRC ID: 0942-0177 Ref: .28 / Emit: .87 / SRI: 28 / Aged SRI: 23

Rustic Newport\$59%1USDI7040



59%

CRRC ID: 0942-0160a Ref: .19 / Emit: .86 / SRI:15 / Aged SRI: 17

Rustic Palermo 49% 1USDI6081 59%

CRRC ID: 0942-0179 Ref: .25 / Emit: .86 / SRI: 24 / Aged SRI: 22







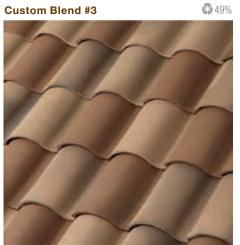
59% Custom Blend #2

49% Custom Blend #3

50% Fire Flash; 50% Newport Blend







50% Carmel Blend; 50% Old World #2

Old World Tri Blend

49% De Anza Blend



33% Old World #1; 33% Old World #2; 33% Old World #3 80% El Camino; 10% Fire Flash; 10% Mallorca



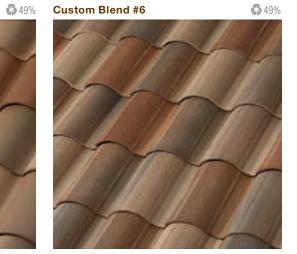




50% El Camino Blend; 50% Newport Blend

59% Custom Blend #5

50% Carmel Blend; 50% Madera Blend



50% Rustic Carmel; 50% Rustic Madera

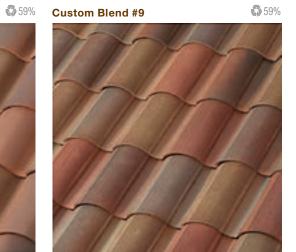




50% Old World #2; 50% Newport Blend



50% Madera Blend; 50% Newport Blend



50% Rustic Newport Blend; 50% Rustic Madera







Romano Pans

Romano Pans trace their roots to the ancient Greeks. The flatbottomed pan is designed for use with either Mission or Monarch barrel-shaped tops and creates a look reminiscent of classical European aesthetics and style. Setting off the barrel tile, Romano Pans allow design flexibility and create a stunning appearance that signifies individuality of style in the best of taste.

Romano Pans are available in cool roof colors for a house that is as energy-efficient as it is distinctive. Romano Pans are Grade 1 tested and approved per ASTM C1167.





Old World #2 1URDU6078

59%



CRRC ID: 0942-0161a Ref: .29 / Emit: .84 / SRI: 28 / Aged SRI: 29

Madera Blend 1URDU3107

Red 59% 1URDU7025



CRRC ID: 0942-0177 Ref: .28 / Emit: .87 / SRI: 28 / Aged SRI: 23 CRRC ID: 0942-0224

Sensible luxury meets performance





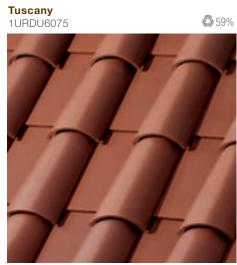
Newport Blend

1URDU7040

59%



CRRC ID: 0942-0160a Ref: .19 / Emit: .86 / SRI: 15 / Aged SRI: 17



CRRC ID: 0942-0156a Ref: .22 / Emit: .86 / SRI: 20 / Aged SRI: 20

El Camino Blend 1URDU6073

59%



Ref: .31 / Emit: .86 / SRI: 32 / Aged SRI: 27*



CRRC ID: 0942-0138a Ref: .20 / Emit: .84 / SRI: 27 / Aged SRI: 24



ClayLite®

The beauty of kiln-fired clay and the efficiency-advantage of one-piece "S" tile are elegantly engineered into ClayLite, a genuine clay tile that reduces weight by as much as 40%. Made from the same natural materials as our standardweight tile, ClayLite is designed especially for re-roofing.

With tile that weighs less than 600 pounds per square, a home can be enhanced with the traditional rich color palette and comfort performance of clay, often without the need for added structural reinforcement.



Encompassing the art of living





Viejo Blend** 2UNDU6084

59%

Merlot Blend** 2UNDU6072



CRRC ID: 0942-0181 Ref: .30 / Emit: .86 / SRI: 30 / Aged SRI: 27

Corona De Oro Blend

Chaparral Blend**



CRRC ID: 0942-0163a Ref: .42 / Emit: .83 / SRI: 45 / Aged SRI: 42 CRRC ID: 0942-0144a



*Estimated Aged SRI

59%



CRRC ID: 0942-0133a Ref: .22 / Emit: .83 / SRI: 18 / Aged SRI: 21



Ref: .31 / Emit: .82 / SRI: 30 / Aged SRI: 29

Terracotta** 2UNDU6090





CRRC ID: 0942-0225 Ref: .32 / Emit: .85 / SRI: 33 / Aged SRI: 27*

Java Blend** 2UNDU3250

\$59%



CRRC ID: 0942-0184 Ref: .20 / Emit: .86 / SRI: 17 / Aged SRI: 16



ClayMax®

ClayMax lightweight tile offers a modern variant on the classic theme, a low-profile double-barrel tile that brings together the beauty and benefits of clay tile in a design that pairs resilience with sensibility.

ClayMax tile are ideal for re-roofing, as well as residential, commercial and homeowners association projects where weight, durability and value are important considerations, but style and performance are not to be compromised. All ClayMax colors have been Grade 1 approved by ASTM C1167.



Long term durability, reminiscent of hand crafted tile





LIGHTWEIGHT

STANDARDS per ASTM C116

Red 2UMDU7025

Newport Blend 2UMDU7040



CRRC ID: 0942-0224 Ref: .31 / Emit: .86 / SRI: 32 / Aged SRI: 27*

El Camino Blend 2UMDU6073

59%



CRRC ID: 0942-0138a Ref: .28 / Emit: .84 / SRI: 27 / Aged SRI: 24



59%

59%



CRRC ID: 0942-0160a Ref: .19 / Emit: .86 / SRI: 15 / Aged SRI: 17



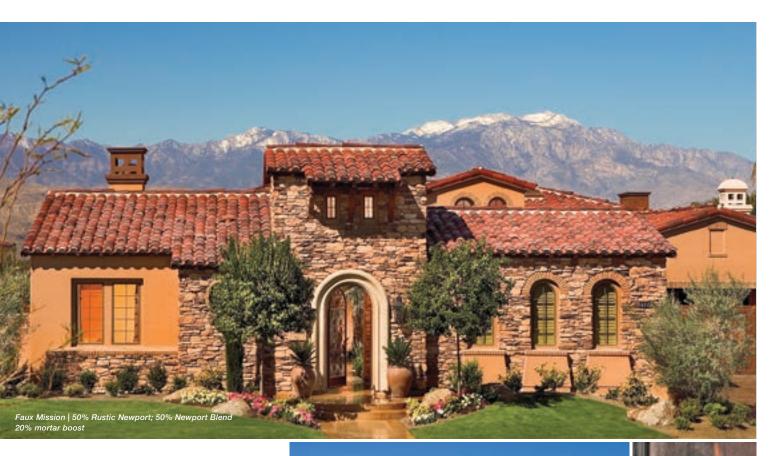
CRRC ID: 0942-0177 Ref: .28 / Emit: .87 / SRI: 28 / Aged SRI: 23



Faux Mission

The "Faux Mission" installation technique gives architects, builders and homeowners the superior aesthetics of a traditional two-piece clay tile roof at an affordable price.

We carefully designed our "S" Tile, ClayLite® and our traditional 2-Piece Mission tile profiles to fit together, allowing a custom installation that provides the aesthetics of a traditional two-piece tile while capturing the cost saving benefits of an "S" Tile or ClayLite. The 2-Piece Mission tile is installed at the eave where the details of the roof are most visible. The "S" Tiles or ClayLite tiles are then installed on the rest of the roof for a much quicker and easier installation than a traditional two-piece tile roof.



An exquisite and state-ofthe-art product which embodies extraordinary creativity & design















WestlakeRoyalRoofing.com - Imagine the Possibilities

Technical Specifications

Visualize

Design your home with your dream roof by using our Dream Home Visualizer. Upload your house image or use gallery images and the tool will auto-generate a rendering which you can use to try out different products in the design phase. Order Product Samples directly through the tool.

Create your custom color with US Tile® free online tool - Design-A-Blend.

Order A Sample

Deciding on the perfect roof can be overwhelming. So, instead of wondering what color or style will work, order a sample and take the guesswork out of your decision. It's just another way US Tile® makes it easy to buy with confidence.

Online Ordering

Manage your orders through <u>myWestlakeRoyal</u>, a simple online tool to track product orders in real time, all from the convenience of your computer, tablet or smartphone. Sign-up for email alerts to notify you of your order status.

Architectural Tools

Our complete suite of architectural tools, including Arcat 3-Part Specs and CAD/BIM drawings, are available for download directly from our website.

Transferable Limited (50-year) Warranty*

As a brand you can trust, US Tile® offers one of the most comprehensive, fully transferable roofing warranties available on the market today.

Follow Us On Social Media

See what everyone loves about US Tile® and get inspired on: Facebook, LinkedIn, YouTube, HOUZZ, Pinterest and Instagram.













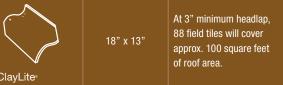
*For product warranty details, please visit US Tile Product Warranty on our website. The warranty found there is the sole warranty applicable to US Tile roofing products.

Code Approval: Some approvals are regional and only apply to locally produced products; please contact US Tile® 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. Inadvertent errors in this publication are subject to change without notice. No performance guarantee is offered or implied beyond that expressly indicated.

Installation: According to the Tile Roofing Institute loading guidelines, "To achieve a pleasant, random blend of color for your job, care should be taken upon loading to mix the tiles." (Source: 2015 Concrete and Clay Roof Tile Installation Manual). Please consult the Tile Roofing Institute (TRI) Installation guides for application recommendations.

Profile	Size	Coverage	Installed Weight per Square	Pieces per Pallet	Squares per Pallet	Weight per Pallet	Birdstop	Size
2-Piece Mission	18" x 7"- 8.5"	At 3" minimum headlap, 172 field tiles will cover approx. 100 square feet of roof area.	Approx: 1,000 lbs.	360	2.09	Approx: 2,150 lbs.	All a	6.75" 3.75 [°]
NOTE: Select 2-Piec	e Mission meets Grad	le 1 standards per ASTM C11	67.					
2-Piece Monarch	18" x 5.25" - 6.75"	At 3" minimum headlap, 220 field tiles will cover approx. 100 square feet of roof area.	Approx: 1,070 lbs.	408	1.85	Approx: 2,050 lbs.		5" x 3
1-Piece "S" Tile	18" x 13"	At 3" minimum headlap, 88 field tiles will cover approx. 100 square feet of roof area.	Approx: 800 lbs.	252	2.86	Approx: 2,400 lbs.	(Eller	6.75' 2.62
NOTE: 1-Piece "S" 1	ile is Class 3 Hail Rat	ed product per FM4473 stand	lards. Select 1-Piece "S	5" Tile meets Gra	ade 1 standards	per ASTM C1167.		
Romano Pans	18" x 11"	At 3" minimum headlap, 74 field tiles will cover approx. 100 square feet of roof area.	Approx: 900 lbs.	420		Approx: 2,950 lbs.		
IOTE: Romano Pans	s meet Grade 1 standa	ards per ASTM C1167.						
ClayLite	18" x 13"	At 3" minimum headlap, 88 field tiles will cover approx. 100 square feet of roof area.	Approx: 590 lbs.	318	3.6	Approx: 2,448 lbs.	M	6.75 2.62
IOTE: Select ClayLi	te meets Grade 1 stan	idards per ASTM C1167.						
	18" x 13"	At 3" minimum headlap, 88 field tiles will cover approx. 100 square feet	Approx: 580 lbs.	418	4.75	Approx: 2,900 lbs.		





NOTE: Please call Customer Service at 800.669.8453 or login to myWestlakeRoyal at WestlakeRoyalRoofing.com to confirm product quantities and availability before arriving at the plant for pick up. Select products are made-to-order and are available for pick up within approximately 2-3 weeks from the order date. These made-to-order products may require a minimum quantity, so please check with customer service before placing your order.



ABOUT WESTLAKE ROYAL ROOFING SOLUTIONS™

Westlake Royal Roofing Solutions[™] is the combination of DaVinci[®] Roofscapes and the former Boral North America roofing product lines. The company is a recognized, national leader in durable and sustainable clay, composite, concrete, and steel roof systems and components. The company's offerings include US Tile® products, a legacy line of premium, stunning clay tile solutions manufactured to the highest standard of sustainability and craftsmanship: DaVinci® Roofscapes, beautiful and durable composite slate and shake roofing tiles; Newpoint[™] Concrete Tile Roofing, the enduring line of concrete tile known for its superior strength, Class A fire rating and long-lasting beauty: Unified Steel[™] Stone Coated Roofing, the ultra-lightweight roofing system which benefits from the structural strength of steel; and Westlake Royal[™] Roofing Components, a full line of integrated roof components designed to deliver a higher standard of roof installation and performance.

ABOUT ABOUT WESTLAKE ROYAL BUILDING PRODUCTS[™]

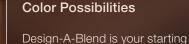
Westlake Royal Building Products USA Inc., a Westlake company (NYSE:WLK), is a leader throughout North America in the innovation, design, and production of a broad and diverse range of exterior and interior building products, including Siding and Accessories, Trim and Mouldings, Roofing, Stone, Windows and Outdoor Living. For more than 50 years, Westlake Royal Building Products has manufactured high quality, low maintenance products to meet the specifications and needs of building professionals, homeowners, architects, engineers and distributors, while providing stunning curb appeal with an unmatched array of colors, styles, and accessories.

For more information, please visit WestlakeRoyalBuildingProducts. com. Follow us on LinkedIn, Instagram and "Like" us on Facebook.

Design-A-Blend







Explore the Infinite

point to explore the infinite color possibilities with US Tile®. As you identify color combinations you are interested in, email your blends or give us a call and we will take it from there.

Visit **Design-A-Blend** on our website to try it today!

Phoenix, ARIZONA Corona, CALIFORNIA Lathrop, CALIFORNIA Stockton, CALIFORNIA Rialto, CALIFORNIA Denver, COLORADO Pompano Beach, FLORIDA

Lake Wales, FLORIDA Okeechobee, FLORIDA Kapelei, HAWAII Henderson, NEVADA Fort Worth, TEXAS Katy, TEXAS

Corporate Office

Westlake Royal Building Products 2801 Post Oak, Suite 600 Houston, Texas 77056

Customer Service 800.669.TILE (8453)

Website



WestlakeRoyalRoofing.com









