



RESIDENTIAL TERRA COTTA ROOFING GUIDE



Since 1888, homeowners have turned to Ludowici for uniquely beautiful architectural terra cotta that stands the test of time.



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THE LUDOWICI DIFFERENCE

Built on over 130 years of meticulous craftsmanship and innovation, Ludowici has a long-trusted reputation for developing exceptionally beautiful architectural terra cotta products that last for centuries.

UNMATCHED DURABILITY

Ludowici products last a lifetime in any climate — even the harshest environments — for enduring luxury and beauty that will never fade.

EXCEPTIONAL QUALITY

Ludowici's unmatched materials and processes result in a product that's second to none and delivers a lifetime of beauty.

AFFORDABLE LUXURY

Ludowici has multiple solutions to fit a broad range of lifestyles and budgets.

CUSTOM CRAFTSMANSHIP

Ludowici's product line can be infinitely customized and handcrafted to the finest detail to match any color or fit any architectural style—from modern to old-world.

DOMESTIC PRODUCT

For over 130 years, Ludowici tiles have been made in New Lexington, Ohio, with raw materials sourced just five miles away.

COMPANY LONGEVITY

Our history speaks for itself — homeowners and architects have been trusting Ludowici since 1888.

PERSONAL SERVICE

Every customer receives personal attention and every order is handled with a personal touch.

PEACE OF MIND FOR A LIFETIME

Ludowici roof tiles and floor tiles manufactured in New Lexington, Ohio are backed by a 75-year warranty—unmatched in the industry—delivering peace of mind that you've made the right choice for your home. Our world-class warranty is included in the cost of your terra cotta tiles and includes color fastness, guaranteeing your roof will remain just as beautiful as the day it was installed.

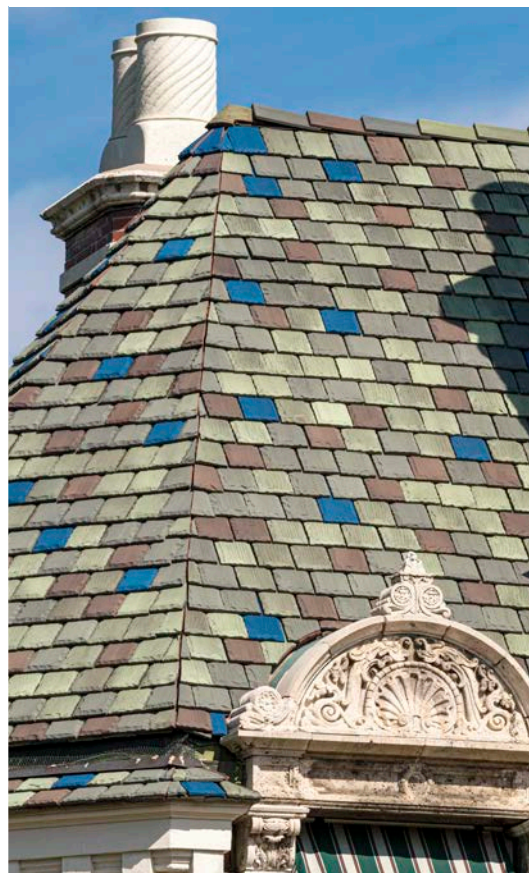


SPANISH 18" | Custom Dark Blue M37 SM

PRODUCTS

As architectural styles and tastes have evolved, so has Ludowici's standard product offering. Ludowici's collection of products contains more than 40 tile profiles, 50 colors and a variety of textures that have been crafted and perfected over many generations. Since every home is unique, our tiles are produced on an order-by-order basis—many by hand. Every aspect of a Ludowici tile is customizable — color, texture and profile — and every tile is covered by Ludowici's 75-year material warranty.

Ludowici's products can be broken down into three tile profile families: shingle tile; interlocking tile; and barrel tile, each including a variety of unique surface designs. From the traditional look of Spanish clay roof tiles, to tiles that mimic the natural qualities of wood shake, slate and chipped stone, Ludowici's products offer limitless design options for your home.



COLORS & TEXTURES

Terra cotta by its very nature is warm, earthy and inviting. Enhancing the natural qualities of terra cotta by adding a glaze mixture prior to firing can create spectacular colors unable to be replicated on other materials like asphalt, synthetics, wood or concrete.

Creating the color of a terra cotta roof tile is part science, and part art. A natural range of tones always exist within any given color — making it impossible to produce a monochromatic terra cotta roof tile. The range of tones that arise from the manufacturing process is a normal and very desirable feature of natural clay tile, imparting richness, character and a more dimensional appearance to the roof.

Ludowici's high temperature firing process produces vibrant colors that do not fade, spall, effloresce, or significantly change over time. Our color glazes are kiln-fired at extreme temperatures during production, fusing the color onto the tile and ensuring the original tones and hues are retained for generations. This is why we are one of the only manufacturers to include color in our industry leading 75-year material warranty.

At Ludowici, we pride ourselves on our long history of color mastery. Our expert ceramic engineers have developed an impressive array of standard design color blends and hundreds of custom color blends over the years to meet the needs of design professionals all over the world. They work hand in hand with architects, designers and homeowners to not only create beautiful custom color blends, but also to design mixes of multiple existing colors to create a subtle, or a dramatic, one-of-a-kind roof statement.

Our skilled craftsman can recreate a number of finishes that authentically replicate the surface of age-old tiles. Custom textures can be applied to match historic applications or to meet your specific design aesthetic. Textures reduce glare reflecting off the tile and allow the true color to show through. Many tile textures are applied by hand which allows each tile to have a unique, handmade look.

Throughout this guide you'll see some of the most popular and inspirational color blends for each type of product Ludowici makes. These are just a small sample of all our color possibilities. See a Ludowici sales representative for more information about Ludowici's color and texture program.



SHINGLE TILE

The heritage of Ludowici's shingle tiles lies in the charm of age-old European roofs. Shingles have long been a traditional roofing choice in Europe and the United States. Ludowici's selection of rustic flat slab shingle tiles recalls the rugged stone and hewn wood roofs of old England with chipped, irregular butts, rough textures and uneven lengths.

Weathered and laced with old-world charm, Ludowici's formal shingle tiles featuring straight, regular butts, add elegance and sophistication to homes and buildings. From the quaint cottage, to the traditional Colonial, to the sprawling French Country estate, Ludowici shingle tiles lend an aura of timeless beauty to any home.



Colonial shingle tiles feature a rustic grooved surface. Installed in a staggered pattern and featuring a random glaze pattern of impressionist colors, this brand new roof mimics the appearance of an old, weathered shingle roof.

Color Blends:

40% Fireflash
30% Tuscany
30% Terra Cotta



COTTAGE | 40% Custom SO/350-04M/M13 Spot M>H;
40% Weathered Aged Cedar; 15% Weathered Sienna; 5%
Weathered Western Cedar



PROVINCIAL | Strata Gray Impressionist



BEAUTY

The beauty of a Ludowici roof comes from the inherent beauty of the natural clay. Our firing process creates a unique range of colors giving depth and charm to each tile, as no two are alike.

RUSTIC COLONIAL | 50% Custom 129-01/M10/173-00/M13; 30% Custom SL4/M23 M>H; 10% Weathered Terra Cotta; 10% Villagio



COTSWOLD | Custom Weathered Brown



CUSTOM SHINGLE WITH HAND ROUGH SCORING | Ash Gray L>M with Custom Spot



COLONIAL | Ebony Mist



COTTAGE | 40% Custom SO/350-04M/M13 Spot M>H; 40% Weathered Aged Cedar; 15% Weathered Sienna; 5% Weathered Western Cedar

SHINGLE TILE PROFILES

RUSTIC
Inspired by historic regions of England and France, Ludowici’s rustic shingles add the rugged warmth and charm of yesteryear to any structure.

FORMAL
Ludowici’s clean-line formal shingles provide a restrained, timeless elegance that fits with virtually any architectural style.



ANTIQUE



BRITTANY



COLONIAL



CALAIS



COTTAGE



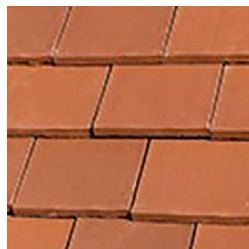
COTSWOLD



CRUDE



GREENWICH



FLAT SLAB



GEORGIAN



RUSTIC COLONIAL



NORMAN



PROVINCIAL

AGED-OLD CHARM

Slab shingles are some of the oldest and most traditional shapes for clay roof tile. When choosing these products, many homeowners are choosing them for a rustic, aged appearance. Ludowici’s color palette is broad, and while all of our standard color blends are available on our clay shingle tiles, these colors represent just some of the popular, more rustic options for shingle roof tiles:



SUNSET RED*

BRIAR BROWN

AGED OAK

BEACH BROWN*

ADOBE FLECK

EBONY

LAVA BLACK*

SUNSET RED WITH
EBONY MIST*

EBONY MIST

PROCESS FLASH

**Weathered*

CREATE YOUR OWN PALETTE

While many homeowners choose a natural palette for their shingle roofs, all of Ludowici’s standard color blends are available on shingle tile profiles. We can also create custom colors and surfaces to create a one-of-a-kind roof statement for your home.



INTERLOCKING TILE

Ludowici's collection of interlocking tiles, while quietly elegant and understated, makes an impressive statement on virtually any architectural style. The graceful proportions and classic aesthetics of Ludowici interlocking tiles, as well as their versatility and ease of installation, make them a favorite of homeowners across the country.

From the clean lines and square butts of Ludowici's Classic tile to the bold fluted profile of Ludowici's French tile, Ludowici's interlocking tile collection offers limitless design options.

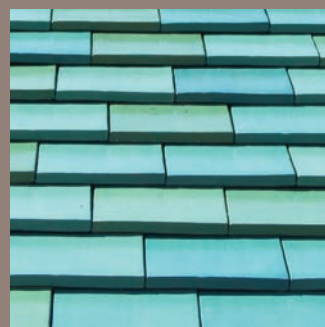


This Maui home, nestled between the Hawaiian jungle and the Pacific ocean, boasts a modern, clean-lined roof featuring Classic 14" interlocking roof tiles in a custom color blend of crisp blues and greens.

Color Blends:

65% Custom Color 232-16G/211-16G Mist M>H

35% Custom Color 232-16G/183-16G Mist M>H





FRENCH | Vintage Green



WILLIAMSBURG | Aged Cedar

EASE OF INSTALLATION

The interlocking channel on Ludowici's interlocking products allows them to be installed more efficiently and without as much overlap as required by a traditional shingle, saving both time and money on installation and material.



CLASSIC 16" | Matte White



CLASSIC 16" | 50% Burgundy; 50% Clay Red



LANAI 14" | 34% Weathered Dark Terra Cotta; 33% Custom SO/165-01M/M13/M10/129-01M; 33% Custom SO/129-01M/M10/173-00M/M13



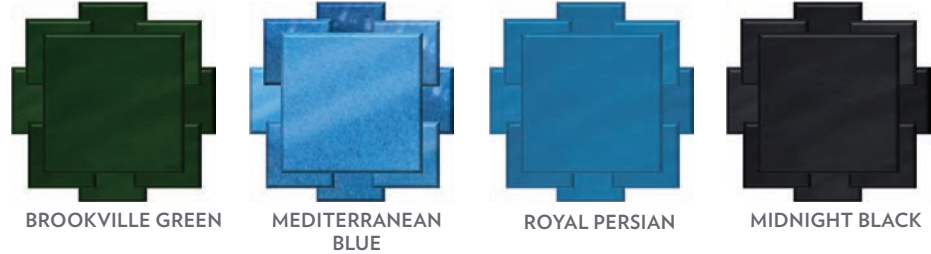
SHINY & BRIGHT

The clean lines of Ludowici’s interlocking tile lends itself well to the brighter colors and high gloss glazes in Ludowici’s standard color palette. Some great color options for interlocking tiles include:

MATTE



GLOSS



INTERLOCKING TILE PROFILES

With graceful proportions and classic aesthetics, Ludowici’s interlocking tiles combine an elegant appearance with installation efficiencies. Each tile features a different surface texture and interlocking sides.

FLAT INTERLOCKING TILES

The timeless elegance of Ludowici flat interlocking tiles enhances most any architectural style, while the clean-line design and larger scale allow for efficient installation.

PROFILE INTERLOCKING TILES

The sculptural fluting of Ludowici dimensional profile tiles, also known as French tiles, offers visual drama. The deep channels provide exceptional drainage and the thickness creates a tile of amazing strength.



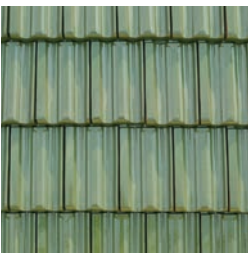
AMERICANA
(2 SIZES)



CLASSIC
(2 SIZES)



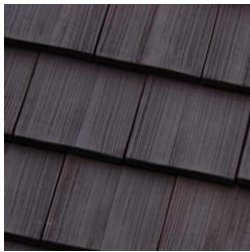
LANAI
(2 SIZES)



FRENCH



MORANDO CLOSED
SHINGLE



WILLIAMSBURG
(2 SIZES)



Whether you choose from one of these statement colors, or look for something more traditional in Ludowici’s color palette, we will work with you to make sure your color vision becomes a reality.

SHAKE TILE

A rustic hand-split wood shake roof adds charm to a home, however weather and time are not the friend of a natural wood roof. Ludowici's terra cotta shake alternative products feature pressed grooves and scratching that mirror the warmth and beauty of wood shake without all the maintenance. And Ludowici terra cotta shake products will never fade, rot or curl, ensuring your roof remains as beautiful as the day it was installed for years to come. And, if preferred, our skilled craftsmen can add warping to get the custom worn, aged look of a years' old wooden roof, without the wait.



The color palette and scratched wood profile of LudoShake perfectly complements the timber and brick featured on this Georgia lake home's exterior.

Color Blend:
100% Aged Cedar





FIREPROOF

Your roof is the most vulnerable part of your home, especially during a fire. Materials like real wood shakes are at highest risk of catching fire and contributing to the destruction of your home and those around it. Why take the risk with anything but a fire-resistant roofing product? One of the greatest benefits of terra cotta tile is its inability to burn. Fight fire from the top down with Class A fire rated, non-combustible terra cotta roof tiles shake alternatives and underlayment from Ludowici.

CENTURY SHAKE | Earth Gray



LUDOSHAKE PREMIER | Western Cedar



CENTURY SHAKE | Earth Gray



CENTURY SHAKE | Earth Gray



CENTURY SHAKE | White Cedar



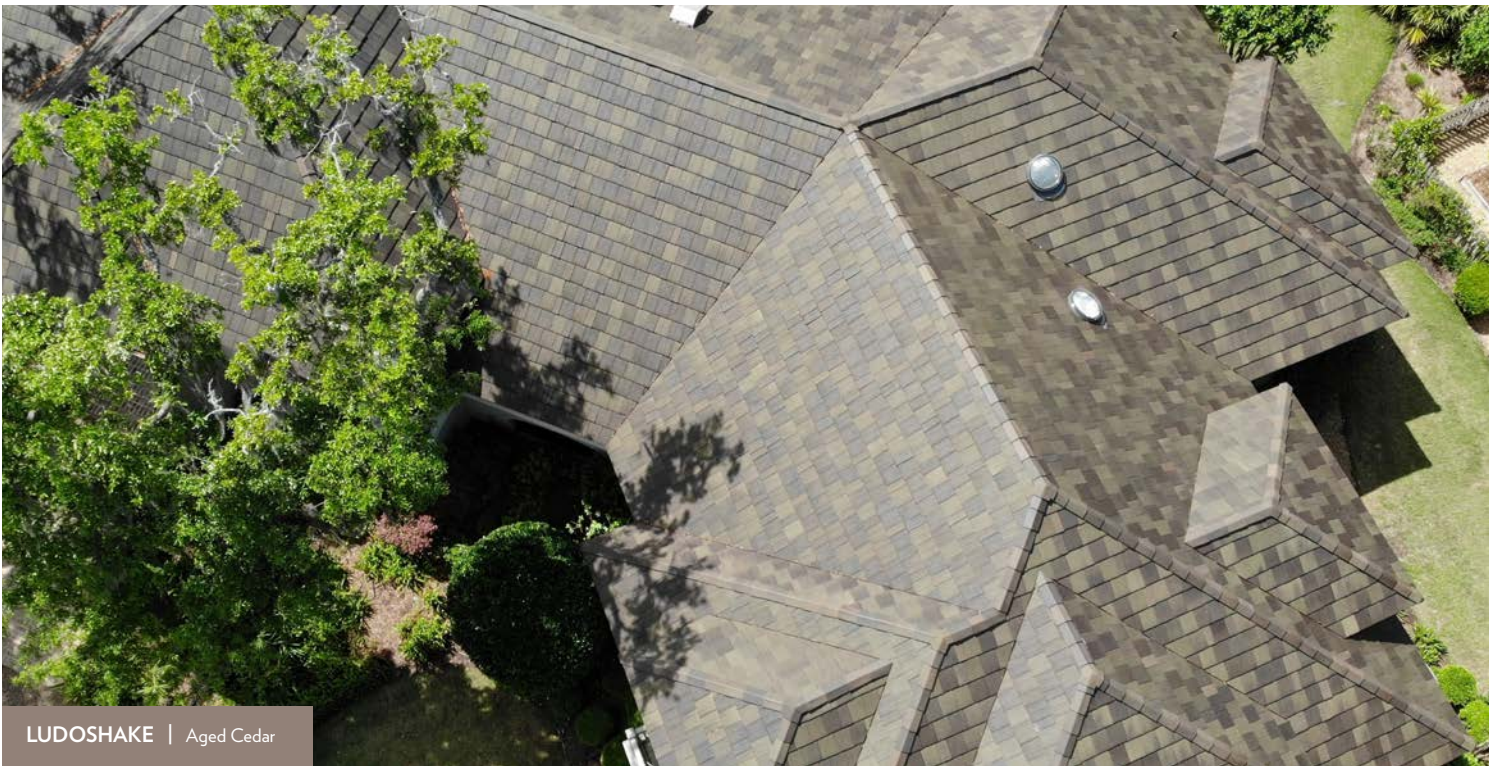
NATURAL BEAUTY

To many, wood shake’s natural beauty comes from its weathered appearance over time. Ludowici has created color blends to specifically mimic the natural beauty of both newly split and weathered wood shakes.



SHAKE INTERLOCKING TILE PROFILES

Ludowici offers two distinct wood shingle alternatives: Century Shake® and LudoShake. Century Shake has a rugged, raised profile appearance. It features distinct scoring and a battered butt. LudoShake, one of Ludowici’s lightweight tile profiles, features a softer scoring and a thinner profile. Both profiles are offered in a “Premier” version, available in three sizes and can be installed in a staggered pattern for a more rustic shake roof appearance.



In addition to LudoShake and Century Shake, these color blends are available on all Ludowici roof tile profiles and products.

SLATE TILE

Good quality slate is an excellent, traditional roofing choice, however, it has become increasingly hard to find, raising the price and limiting the color selections available to homeowners. A terra cotta slate alternative, like Ludowici's LudoSlate and LudoSlate Premier, can offer you the same lifespan, durability and beauty of a natural slate.



The dark LudoSlate interlocking roof tile accentuates the crisp white stucco on this classic Florida home.

Color Blends:

60% Brunswick Black
40% Custom SL3/SL1 Mist M>H



LIGHTWEIGHT

Terra cotta’s durability often means a heavier product. However if weight is a concern, LudoSlate and LudoShake are perfect choices as each profile weighs less than 600 pounds per square. Achieve a unique slate-look on your roof without the excessive weight of natural slate.



LUDOSLATE PREMIER | Custom SL3/SL1 Mist M>H



LUDOSLATE | Slate Gray with L>M Brunswick Black Mist



LUDOSLATE | Montpelier Green



LUDOSLATE | Slate Red with Black Mist



LUDOSLATE | Ebony Mist

TIMELESS AUTHENTICITY

As a natural product, slate has a very distinct color palette. Ludowici color experts developed authentic slate color blends to ensure that our slate alternatives were as close to real slate as possible. Since our colors will not fade like some weathering slates, our colors were developed to mimic both weathering and non-weathering slate so either look can be achieved for a lifetime.



BRUNSWICK BLACK



ANTIQUED BRUNSWICK BLACK



EBONY MIST



MONTPELIER GREEN



ANTIQUED MONTPELIER GREEN



MOTTLED GREEN PURPLE



PLUMSTONE



SLATE GRAY



ANTIQUED SLATE GRAY



SLATE RED



STRATA GRAY



VERMONT GRAY BLACK



LUDOSLATE | Vermont Gray Black

In addition to LudoSlate, these color blends are available on all Ludowici roof tile profiles and products. Also, all standard and custom Ludowici matte color blends are available on our slate alternative products.

SLATE INTERLOCKING TILE PROFILES

Ludowici's LudoSlate offers a beautiful slate alternative profile — featuring a refined slate appearance with chiseled edges and a thinner profile. LudoSlate is also available in a Premier version, offering three varying sizes to create a random-width installation and can be installed in a staggered pattern.



LUDOSLATE



LUDOSLATE PREMIER

BARREL TILE

From the classic architecture of ancient Greece, to the bucolic farmhouses of southern Europe, to the rustic Missions of California, barrel tile has become synonymous with clay roof tile. Barrel tiles create distinctive ripple patterns across the roof, providing texture, movement and visual interest. Ludowici's barrel tile collection features two-piece Mission tiles and one-piece Spanish tiles in a number of sizes.



This Texas home features Spanish 18 3/8" clay roof tiles in a blend of Impressionist colors to create a dramatic roof statement.

Color Blends:

55% Terra Cotta;
30% Fireflash;
15% Tuscany





SPANISH 13 1/4" | Dark Tuscany Impressionist

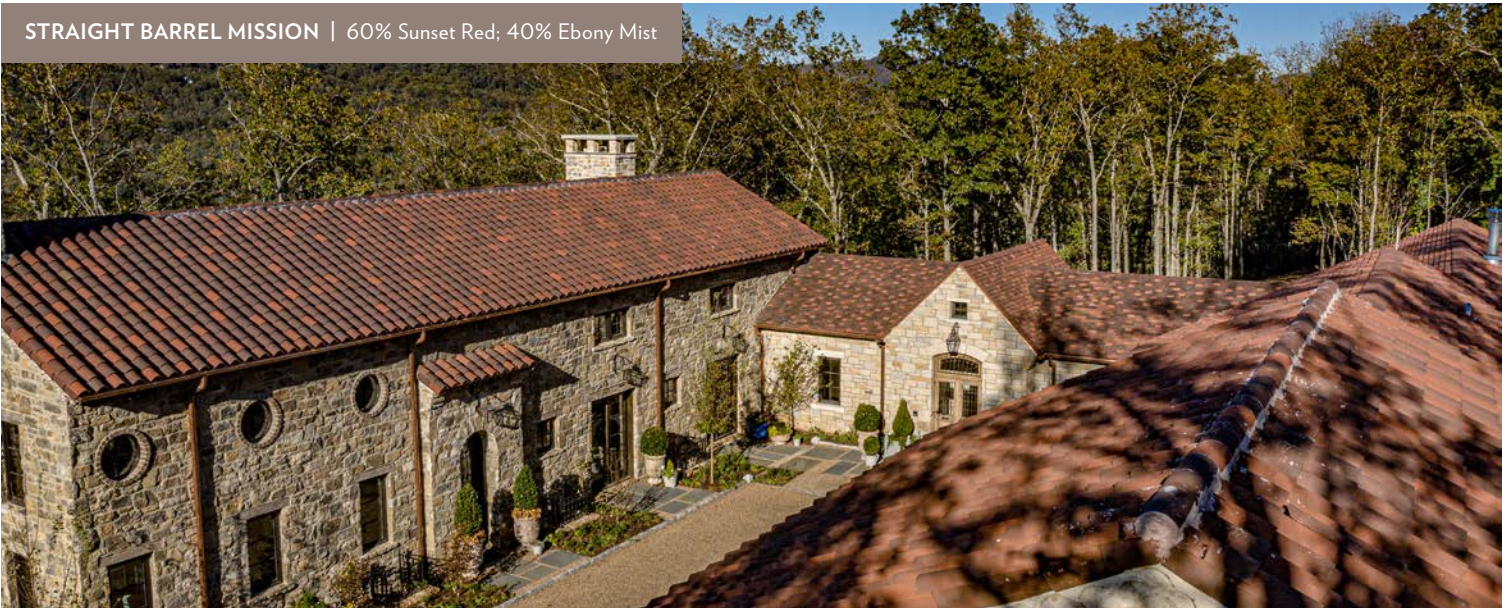


PALM BEACH MISSION | 20% Tuscany; 20% Fireflash; 20% Custom Clay Red/M7/M12/19MT1; 20% Custom M20/M7/M12/19MT1; 20% Custom M26/M7/M12/19MT1

DURABILITY

Ludowici terra cotta tiles are manufactured to stand the test of time, in any climate. They received the highest rating for weathering by a national standards board. This makes them ideal for installation in extreme climates, like oceanfront and island locations, mountains and snowy locations, and more.

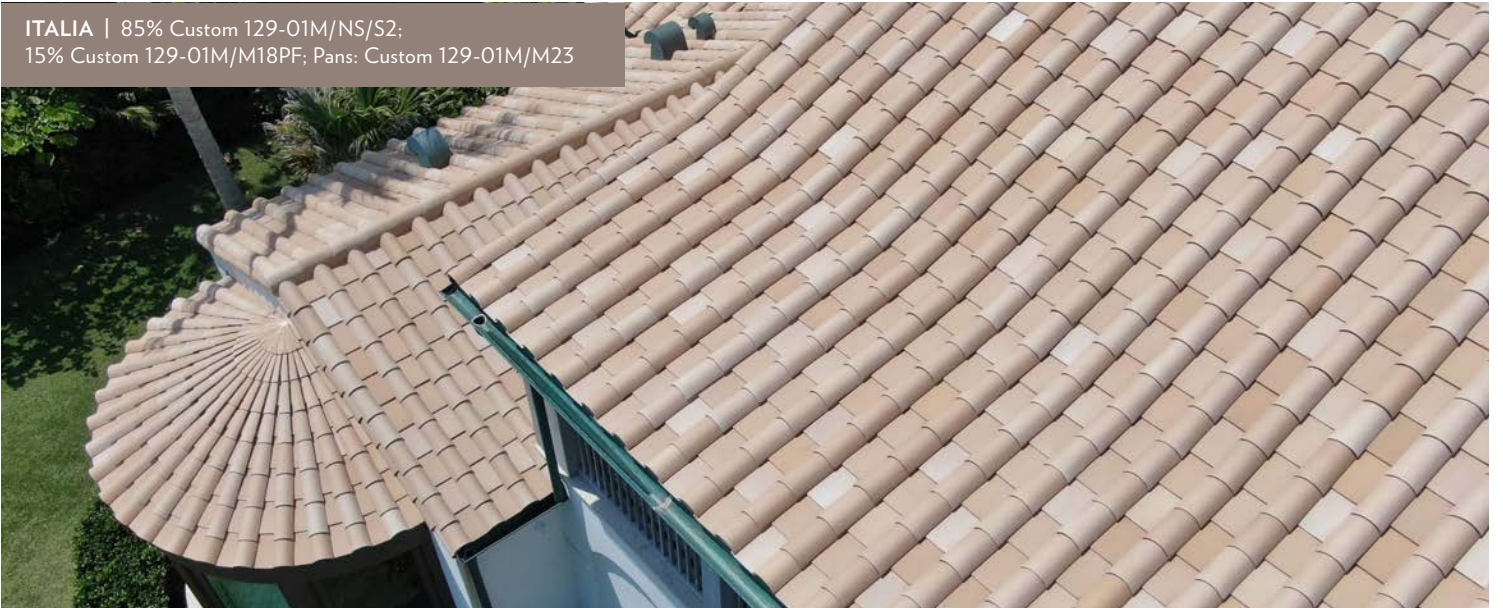
STRAIGHT BARREL MISSION | 60% Sunset Red; 40% Ebony Mist



PALM BEACH MISSION | 85% Custom 129-01M/NS/S2; 15% Custom 129-01M/M18PF; Pans: Custom 129-01M/M23



ITALIA | 85% Custom 129-01M/NS/S2; 15% Custom 129-01M/M18PF; Pans: Custom 129-01M/M23





SPANISH 18 3/8" | Summer Rose

BARREL TILE PROFILES

MISSION

Ludowici's Mission tiles faithfully match historic Italian, French, Spanish and Southwestern mission designs, capturing their romance and beauty.



STRAIGHT BARREL MISSION (3 SIZES)



PALM BEACH MISSION



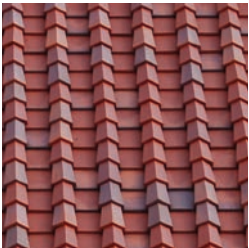
TAPERED BARREL MISSION (2 SIZES)



ITALIA



CUBANA



GREEK



ROMAN

SPANISH

The familiarity of its barrel shape and the distinctive ripple pattern it creates across the roof make Ludowici's variety of Spanish tiles an enduring favorite.



SPANISH (2 SIZES)



SCANDIA

CENTURY-OLD PATINA

Some of the most popular choices for Ludowici barrel tile can be found in the Impressionist Series color palette. The Impressionist Series utilizes two or three complementary shades applied randomly over a base color to create the patina of a century-old roof. Standard blends can be selected or a custom blends can be created using different percentages of the Impressionist Series color blends.



PROVENCE*



TUSCANY



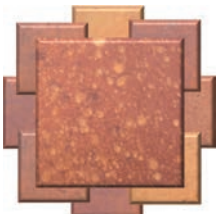
DARK TUSCANY



VILLAGIO



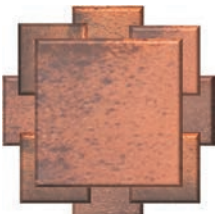
FIREFLASH



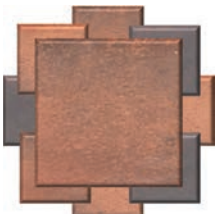
TERRA COTTA



DARK TERRA COTTA



ANZIANI

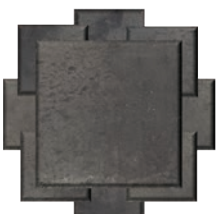


VECHIO



FIELD GREEN

*Weathered



STRATA GRAY

The Impressionist Series color blends are available on all barrel, interlocking and shingle tiles, excluding French.



SPANISH 18 3/8" | Strata Gray Impressionist

CUSTOM TILE

If you have a unique project design, we are here for you. Custom accessories, profiles, and replications are our specialty. Using samples from an existing roof, Ludowici makes custom roof tile molds to press out new replacement custom roof tiles, or we can utilize new patterns from an architect's drawings or description.

Additionally, our skilled craftsman can recreate a number of finishes that authentically replicate the surface of age-old terra cotta roof tiles. For example, if the appearance of warping or curling is desired—like that of an aged natural wood shake—our skilled craftsmen can shape the tile during production, allowing you to get the desired look without the wait time or product degradation. Custom textures can be applied to match historic applications or to meet your specific design aesthetic. Many tile textures are applied by hand which allows each clay tile to have a unique, handmade look.



CUSTOM SHINGLE TILE | Custom Color Blend



CUSTOM SHINGLE TILE | Custom Color Blend



CUSTOM SLAB TILES | Clay Red; Process Flash; Burgundy; Sunset Red; Slate Red



FAÇADE DESIGN

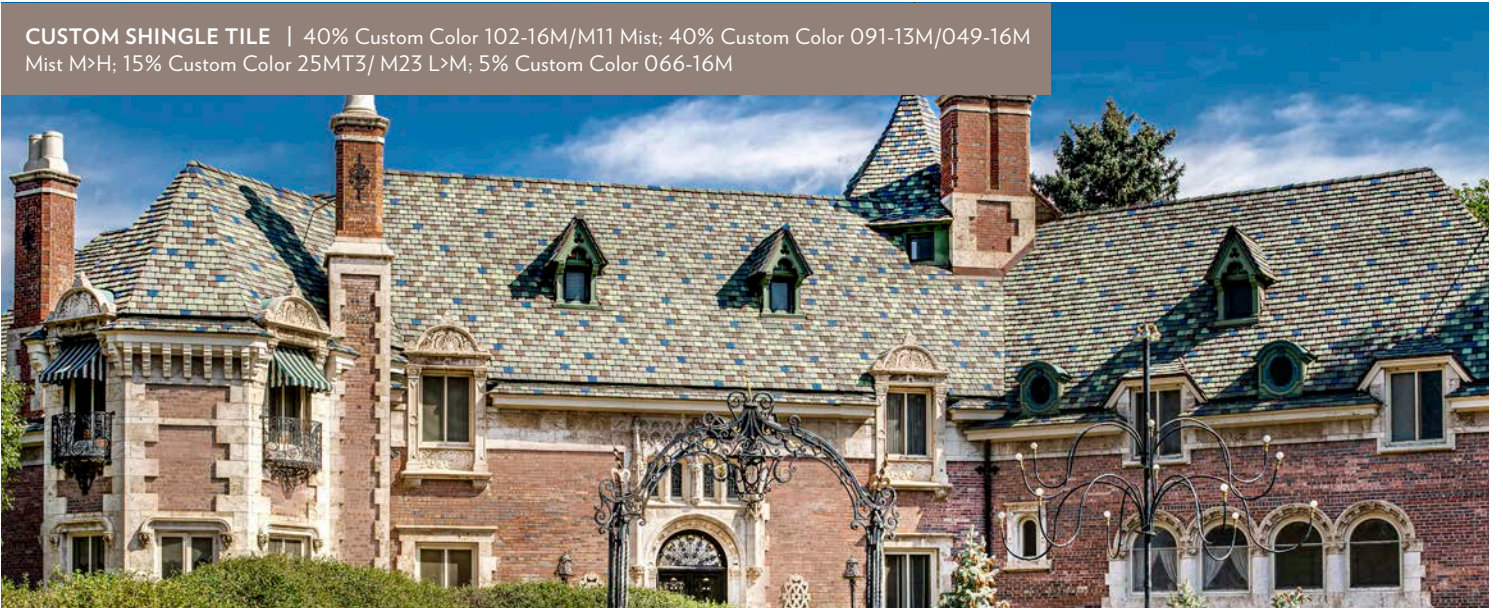
This French Normandy-inspired new-construction residence features an abundance of Ludowici custom flat slab shingle tiles placed intentionally in a random pattern to create the decoration of the façade. The depth and variation in color is as strategic as it is beautiful.



CUSTOM SHINGLE TILE | Custom Red Blend



CUSTOM SHINGLE TILE | 40% Custom Color 102-16M/M11 Mist; 40% Custom Color 091-13M/049-16M Mist M>H; 15% Custom Color 25MT3/ M23 L>M; 5% Custom Color 066-16M



OLD WORLD COLLECTION

If you are seeking old-world charm in a terra cotta roof that’s modestly priced, you’ll love Ludowici’s unique Old World Collection. This special collection includes larger dimension two-piece mission barrel tiles made popular long ago in Europe and Mexico, and treated to look centuries old. Manufactured by TERREAL in the south of France, these clay tiles come in a range of profiles, colors and sizes and are available exclusively through Ludowici.



BRUNE



CASTELVIEL



CATHEDRALE



FLAMME



PANACHE ANCIEN



PANACHE FONCE



ROSE



ROUGE



TERRE DU SUD



VIEILLE TERRE

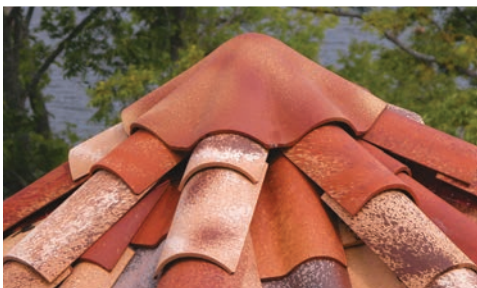


VIEUX MIDI

ACCESSORIES & TRIM

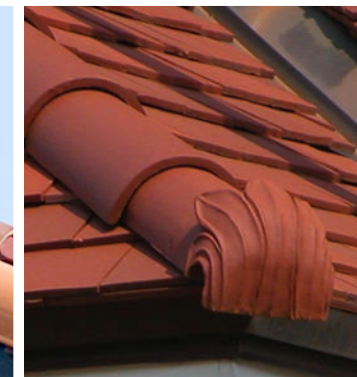
Beautifully detailed trim pieces are a signature element of a Ludowici roof. Ludowici offers a wide range of trim, from the stylized ornate #206 and #211 to the clean and simple lines of the V-Hip/Ridge and Circular Covers. Ludowici trim pieces are designed to be compatible with all profiles.

In addition to standard trim pieces, Ludowici also continues to produce numerous historic trim pieces as well as custom trim pieces. Please contact your Ludowici representative for more detailed information regarding your needs.



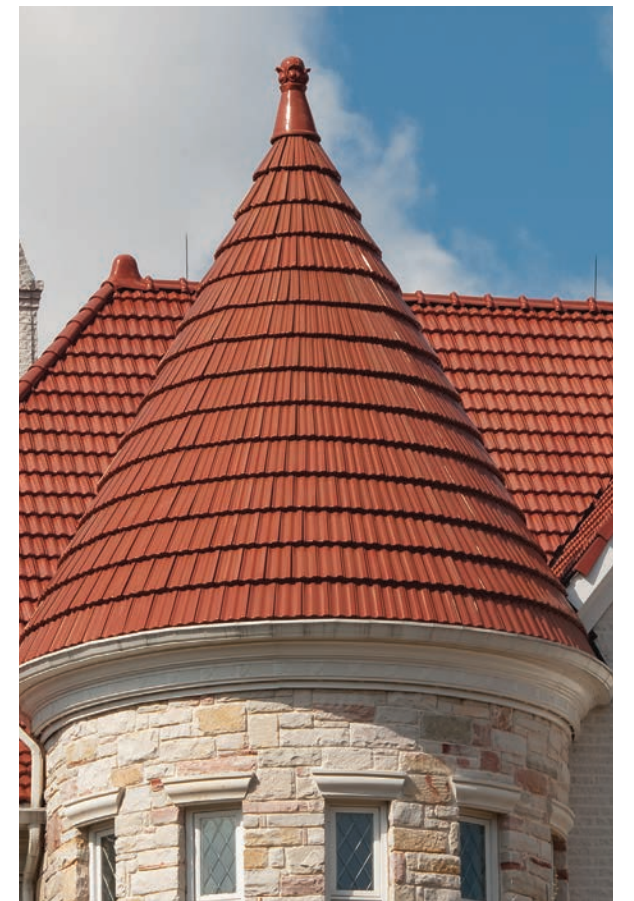
DECORATIVE

Decorative terminals, hip starters, and ridge ends make a bold statement on a roof. Browse our decorative selection, from traditional gargoyles to school mascots to botanical designs, online at Ludowici.com or work with our craftsmen to create a unique piece just for your home.



GRADUATED & TOWER TILE

Crafting tile to fit curved roofs has been a specialty of Ludowici's since the late 1800s. To accommodate the geometry of a curved roof, Ludowici artfully tapers tile to become progressively smaller from the bottom to the top of a curved roof. These graduated tiles are custom designed to fit a specific roof. This custom process requires Ludowici to send technicians to the job site to take detailed field measurements of the physical structure. Ludowici craftsmen use these drawings to design patterns and molds for each row of tiles. Graduated tiles are then pressed from these molds and are finished to match the rest of the roof tiles. Ludowici crafts graduated tiles to match all of its tile profiles as well as decorative finials.

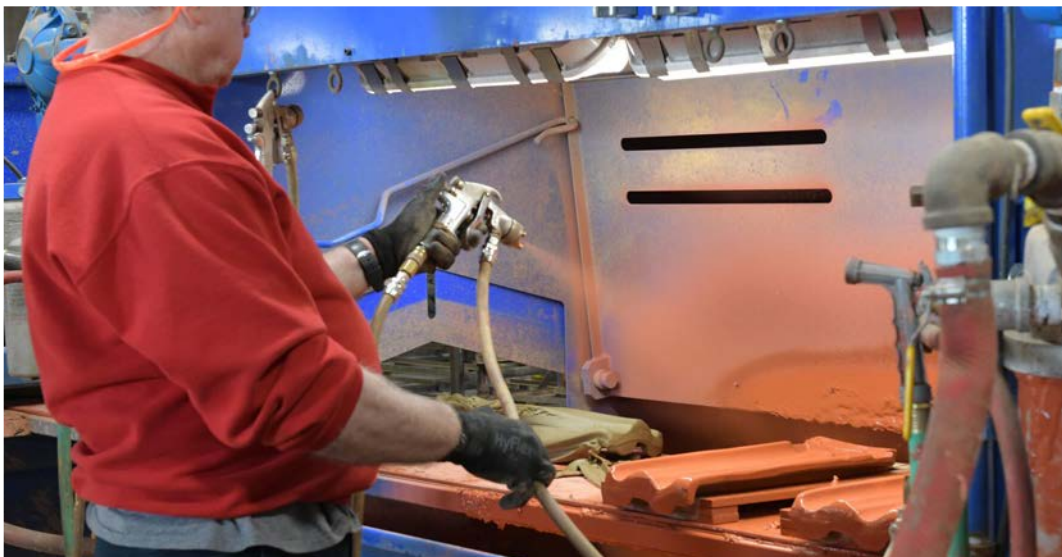




SPANISH 13" | Clay Red

CUSTOMIZATION

Ludowici’s custom tile capabilities are unsurpassed by any other manufacturer in the world. Ludowici can make patterns and molds to press out new tiles or create new patterns from an architect’s drawings. Our skilled craftsmen will work with you to create the custom shape, texture and colors to meet your design goals.



MAINTAINING HISTORIC CHARM

Over the last century, Ludowici has crafted hundreds of terra cotta roof tile profiles with thousands of different trim pieces ranging from the heavily ornate Victorian designs to the simpler lines of the Craftsmen movement. The unique styling of Ludowici tiles and trim are essential to maintaining the character and quality of historic homes. Although some profiles are no longer standard, Ludowici has a vast library of historic catalogs, patterns, and designs that are used to identify and replicate tiles to ensure your historic roof maintains its charm. In addition to replicating Ludowici’s own historic tile profiles and trim, Ludowici can match tiles from long gone manufacturers such as B. Mifflin Hood and Heinz.

To help deliver essential profiles, Ludowici’s unique Renovation QuickShip program allows you to order small quantities of frequently used historic tiles in popular historic colors to repair your roof. Visit ludowici.com/renovation-quickship for details.



DESIGN CENTERS

Ludowici's design centers offer unique hands-on facilities where visitors work one-on-one with our experts to design their new roof. Our Factory of Ideas in New Lexington, Ohio is housed in a renovated 130-year-old factory building, where visitors can browse products and profiles, including decorative and historic tiles and trim. At Ludowici's Dallas, Texas Design Center visitors can select clay tiles, experiment with colors and blending, and view mockups at the correct pitch and proper orientation for their home.

Our learning facilities help visitors study roof transitions, explore different trim styles and solve unique construction challenges with Ludowici experts, all with full-size tile and trim pieces. This opportunity can serve as the template for the homeowner's new roof.

When visiting our Factory of Ideas design center, be sure to leave time for a tour of Ludowici's manufacturing facility to see firsthand how we create your tile and visit with Ludowici artisans at work. Visit the showrooms section of our website for a full list of up-to-date locations.

HANDS ON EXPERIENCE

Our unique cart system at the Factory of Ideas allows you to take your mock-up outside and view it at the proper pitch and sun exposure.

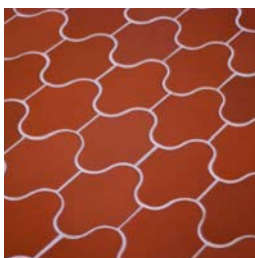




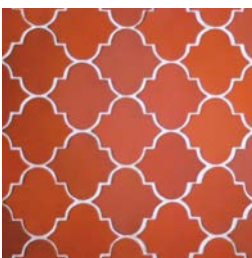
PROMENADE 6X9 | Designer Blue Blend

QUARRY TILE FLOORING

Ludowici quarry tile is made from the same clay and firing techniques as Ludowici roof tiles. These high-traffic floor tiles are perfect for any climate or application, indoors or out. They are available in standard and custom matte colors, pre-set designer blends, smooth or non-skid surfaces and come with a 75-year material warranty.



PROMINENCE



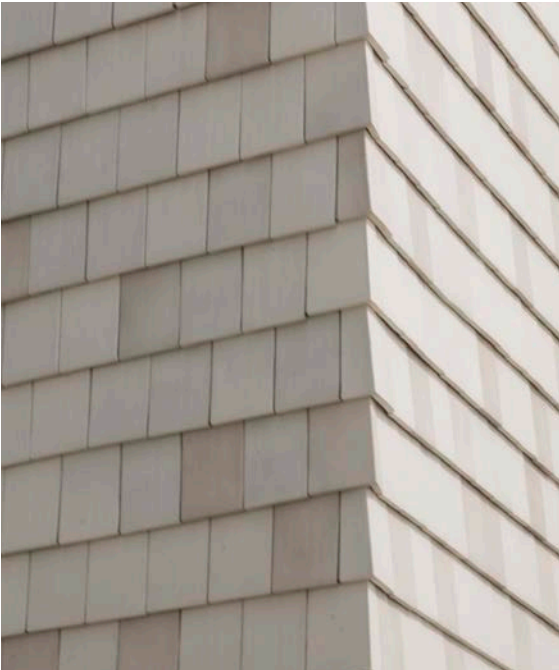
VALENCIA



PROMENADE 6X9



PROMENADE 9X9



TERRA COTTA WALL CLADDING

Beautiful, durable, ventilated facades, our small module cladding – NeXclad – offers limitless architectural possibilities for your home, whether modern or traditional in design.

NeXclad is the next generation of small module terra cotta wall cladding offering versatility in design and installation. The first of the two formats, our overlapping shingle, can be installed directly to wall sheathing or in a rainscreen framing application. Our second format, NeXclad True, is designed to be installed as a sleek, streamlined flush tile.

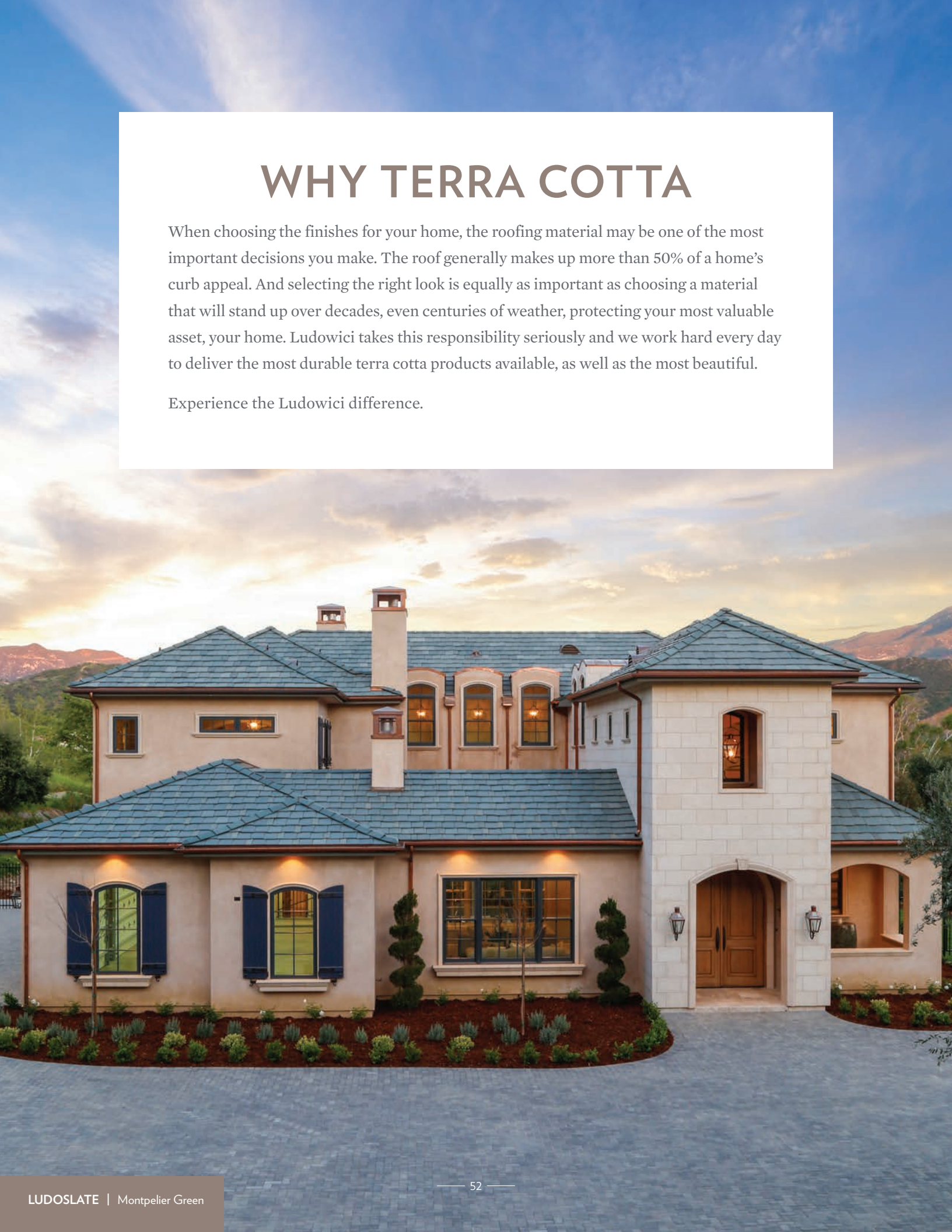


NEXCLAD SHINGLE | Custom Green Color Blend

WHY TERRA COTTA

When choosing the finishes for your home, the roofing material may be one of the most important decisions you make. The roof generally makes up more than 50% of a home’s curb appeal. And selecting the right look is equally as important as choosing a material that will stand up over decades, even centuries of weather, protecting your most valuable asset, your home. Ludowici takes this responsibility seriously and we work hard every day to deliver the most durable terra cotta products available, as well as the most beautiful.

Experience the Ludowici difference.



HOW LUDOWICI COMPARES

CRITERIA	LUDOWICI CLAY TILE	OTHER CLAY TILE	CONCRETE TILE	SYNTHETIC TILE	WOOD SHAKES	SLATE
General Attributes	75-year warranty Including color; lower water absorption than other materials, highly decorative; Made in the USA	Decorative, varying degrees of strength, limited installation areas due to inability to handle freeze-thaw cycles	Popular clay tile alternative; high water absorption; no color warranty; requires maintenance and even painting	Newest roofing material in the marketplace; no color warranty; less realistic look; generally not “green”; prone to warping and fading	Traditional roofing material; not color- fast; shorter life span than other products; installation can be difficult	Traditional roofing material; generally long lifespan; longer lead times for true US slate; Imported slate of questionable quality
Profiles Available	Spanish, Mission, Flat Shingle, Interlocking, Shake Alternative, Slate Alternative, Raised Profile, Lightweight	Spanish, Mission, Flat Shingle, Interlocking, Shake Alternative, Slate Alternative, Raised Profile, Lightweight	Spanish, Flat, Shake Alternative, Slate Alternative, Lightweight	Shake Alternative, Slate Alternative, Spanish, Flat, Interlocking & Lightweight	Shake	Slate
Warranty	75-Year, includes color.	Average 30-year warranty, does not include color	Average 25-year, does not include color	Average prorated after 7 years up to 50 years; color not covered	Warranty from defects, does not include color	Generally no material warranty
Average Lifespan	75+ years	Varies by manufacturer, ASTM grade and installation location	30-50 years, varies by manufacturer, ASTM grade and installation location	15-50 years, varies by manufacturer and installation location	20-40 years, depending on wood shake quality, proper installation and maintenance	Hard slate can last 75-200 years; Soft slate 50-125 years
Available Colors	50 standard, plus custom color development	Limited color palette – varies by manufacturer	Limited color palette – varies by manufacturer	Limited color palette – varies by manufacturer	Natural wood tones	Greens, reds, purples, grays, blacks
Color Fastness	Yes	Yes	No	No	No	Sometimes – There are some slates that weather, fade, mottle and oxidize over time.
Customizable	Yes	Not usually	No	No	No	No
Moisture Absorbency	<1% water absorption (ASTM Grade 1)	4%-12% (ASTM Grades 1-3); varies by manufacturer	10%-15%; varies by manufacturer	N/A	Depends upon wood type and building location	Depends upon slate composition and slate source location
Mildew/Mold Resistant	Yes	Not Always	Yes	Not Always	No	No
Fire Resistant	Yes	Yes	Yes	Sometimes – Fire retardant treatment may be required by code	No – Fire retardant treatment may be required by code	Yes with underlayment
Walk-ability	Yes	Sometimes	Yes	Not recommended	Yes	No
Battens Required	No	Sometimes	Yes	No	No	No
Maintenance	Minimal, periodic cleaning if desired	Some clay tile requires sealant	Yes, cleaning and potentially painting	Minimal, periodic cleaning	Annual cleaning	Minimal, periodic cleaning
Sealing	No	Sometimes	Sometimes	No	Periodic preservative treatment may be necessary to slow decay	No
American Made Product	Yes	Not Always	Yes	Not Always	Not Always	Not Always

This chart represents industry averages. We encourage you to research the products under consideration and evaluate all costs, installation, environmental and design factors when deciding on your new roof.




LUDOWICI®

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www.ludowici.com

Ludowici is your premier source for architectural terra cotta roof tiles, quarry tile flooring, and wall cladding solutions.

For more information please visit www.ludowici.com.

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