



A LEGACY OF EXCELLENCE

When designing an iconic golf clubhouse, every detail matters—from the sweeping views of the course to the architecture that frames it. With over 400 years of craftsmanship, Ludowici clay roof tiles offer architects the perfect combination of timeless beauty and unrivaled durability, transforming any structure into a masterpiece.

From rustic Mediterranean styles to sleek modern designs, Ludowici offers an expansive array of profiles, colors, and textures to complement any architectural vision. Create a roofline that blends seamlessly with the natural surroundings of your course or stands out as a stunning focal point—Ludowici tiles give you the freedom to imagine and build boldly.

Sustainability is central to Ludowici's manufacturing process. Our tiles are 100% natural, non-toxic, and produced with minimal environmental impact. Choosing Ludowici allows architects to craft beautiful, high-performance structures that reflect an eco-conscious ethos, enhancing the sustainability goals of any golf clubhouse.

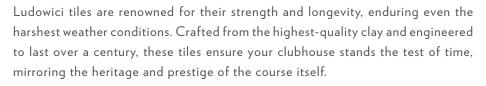
SUPERIOR AESTHETICS

A roof is more than just a functional necessity—it's a defining feature of your building's aesthetic. Ludowici tiles evoke a sense of sophistication and exclusivity, making them the perfect choice for high-end clubhouses. The timeless elegance of our tiles will enhance the prestige of your golf course, offering members and guests a truly luxurious experience from the first impression.



A TIMELESS TRADITION









Not only have architects chosen Ludowici to grace the tops of some of the finest clubhouses in the United States, but we are often found in the surrounding residential neighborhoods lining these prestigious fairways.





WHY LUDOWICI?

- 75-Year Material Warranty
- ♦ Continuous operation since 1888
- ◆ Made in the U.S.A.
- Custom Color Development
- ◆ ASTM Grade 1 > 2% Water Absorption
- ♦ Fire-Resistant
- Approved for any climate
- Minimal Maintenance
- ◆ Ocean Salt-Resistant
- ♦ Withstands Freeze-Thaw
- No additional, costly treatment necessary

NOTABLE PROJECTS

Albany Country Club Aronimink Golf Club, PA Asheville Country Club, NC Blind Brook Country Club, NY Carl Fisher Clubhouse, FL Colonial Country Club. TX Columbia Country Club, MD Columbus Country Club, OH Congressional Country Club, D.C. Connoquenessing Country Club, PA Country Club of Miami, FL Country Club of North Carolina, NC Dominion Country Club, TX Douglaston Golf Course, NY Dunwoody Country Club, GA East Lake Golf Club, GA The Ritz-Carlton Dallas, TX George Wright Golf Course, MA Grandover Country Club. NC Greenvalley Country Club, SC Grove Park Inn & Resort, NC Hacienda Country Club, CA Hartfield Golf Club, PA Houston Country Club, TX Jupiter Country Club, FL Kenwood Country Club, OH Kirtland Country Club, OH Ladies Golf Club of Toronto, ON Louisville Country Club, KY Maketewah Country Club, OH Medinah Country Club, IL

Merion Cricket Club, PA Metairie Country Club, LA Moraine Country Club, OH New Orleans Country Club, LA Oahu Country Club, HI Oklahoma City Golf & CC Old Warson Country Club, MO Pine Hollow Club. NY Ponte Vedra Inn & Club. FL Pueblo Country Club, CO River Crest Country Club, TX Rolling Hills Country Club, CA San Antonio Country Club, TX San Jose Country Club, FL Sea Island Lodge & Golf Club, GA Seven Canyons Golf Club, AZ St. Louis Country Club, MO Stonebridge Country Club, IL Summit Rock Golf Course, TX Tehama Golf Club, CA The Broadmoor, CO The Club at Corazon, OH The Lake Club, FL TPC Sawgrass, FL TPC Virgnia Beach, VA Tulsa Country Club, OK Ulen Country Club, IN Westchester Country Club, NY Wilmington Country Club, DE

*non-comprehensive list

York Country Club, PA



SUPERIOR CRAFTSMANSHIP

Southeast Ohio boasts some of the highest-quality clay deposits in the world. At Ludowici, we develop premium terra cotta products through our proximity to these locally sourced raw materials. We incorporate old-world craftsmanship with modern production technology to design equally enduring terra cotta products that stand the test of time.

Ludowici has been customizing products, colors, and textures for their customers since it was founded in 1888. As a result, we have shaped thousands of different tile profiles, and are still able to reproduce any tile we have ever made.

USA MADE. WORLD RENOWNED.

All Ludowici terra cotta products have been proudly manufactured in the USA since 1888. Our commitment to quality has never changed, which is why we are one of the world's most trusted sources for distinctive architectural terra cotta. Our customers can expect their investment to last a lifetime, and rest easy knowing we'll be there, now and in the years to come.

WEATHER & CLIMATE PERFORMANCE

Ludowici tiles have the highest wind uplift capacity and weather performance of any clay tile on the market. The clay composition of our tiles creates an ultimate breaking strength able to resist high wind stresses experienced during extreme weather events, such as tornadoes and hurricanes. When properly installed, high quality terra cotta tiles can sustain winds in excess of 125 miles per hour—the kind that would easily strip off many other roofing materials.

Additionally, in winter months, tiles are exposed to colder elements. When temperatures reach below freezing then climb back above, moisture collected in tiles repeatedly undergo what are called freeze-thaw cycles. Over time, tiles with higher moisture absorption rates are subjected to larger mechanical stress, and eventually crack or spall—leaving you forced to replace the unsightly results. Rest assured with Ludowici our tiles always exceed Grade 1 requirements for freeze-thaw environments.

THE LUDOWICI DIFFERENCE

MINIMAL MAINTENANCE

Many other manufacturer's tile products, such as concrete tiles, require regular re-coating, painting, or chemical cleaning to ensure the longevity of their appearance and performance. Ludowici tiles are guaranteed to retain these properties for 75-years, requiring minimal maintenance.

Made from the earth and creating zero waste, terra cotta is THE choice in green and sustainable building products. Ludowici terra cotta tiles are 100% recyclable, energy-efficient, and free of toxic and synthetic ingredients.

UNMATCHED DURABILITY

Every tile Ludowici manufactures is ASTM C1167 Grade 1 certified - And that matters.

ASTM classifies tile by a Grade 1, Grade 2, or Grade 3 certification based on its durability, appearance, and performance. Grade 1 tile is considered the highest performing and is approved for use in any climate. Lower grade tiles have high performance failures in areas like colder northern climates, where homes experience harsh winters and multiple freeze-thaw cycles, and in coastal regions, where salt intrusion, water absorption, and severe events are common. Ludowici products last a lifetime in any climate—and are always Grade 1 certified.

LOWEST MOISTURE ABSORBENCY

Moisture absorption degrades all products, and every climate poses a risk of water damage—like areas of heavy rainfall, exposure to coastal salt air, or the experience of freeze-thaw cycles causing structural stress. With an average of less than 1%, Ludowici tiles have the lowest water absorption rate of any tile on the market.

FIRE-RESISTANT

One of the great benefits of terra cotta tile is its inability to burn. Many non-fire resistant roofing products require expensive treatments to meet fire codes. With Ludowici tile, extra steps and added costs are eliminated and replaced by peace of mind. All Ludowici products are Class-A fire-rated without special treatment when used in the proper assembly.

SALT-RESISTANT

Salt from coastal air can be devastating to building products—especially with substandard roof tile not designed to prevent it. In a more porous tile, salt crystals infiltrate open pockets, then begin to expand and contract. Once sea salt permeates the body of a tile, it will fail. With salt air being able to travel well over a mile inland from the coastline, you need the clay body of a Ludowici tile that is made to resist such complications.

75-YEAR WARRANTY

Ludowici tiles are more than just beautiful. They are backed by one of the best material warranties in the industry. We give you peace of mind that your investment will last for many years to come, with a 75-year non-prorated material warranty, including color, on every tile we produce.

VAST COLOR PALETTE

All ceramic and glazed products produce a natural color range, seen as a desirable quality of working with terra cotta. These variations create a depth and visual interest that other materials don't offer. With over 50 standard colors and the ability to custom match almost any hue, our color capabilities are endless. Since our color glazes are kiln-fired at extreme temperatures during production, the original tones and hues on each tile are there to stay.

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EAST LAKE GOLF CLUB

ATLANTA, GEORGIA

East Lake Golf Club, the oldest golf club in Atlanta, Georgia, opened its current clubhouse in 1925. The impressive Tudor-structure was designed by Atlanta architect Philip Shutze and is listed on the United States Register of Historic Places. Legendary golfer Bobby Jones, then just 6 years old, attended the opening ceremony for the property and as the son of an active member, learned the game of golf on its original course.

Over the years, the clubhouse and golf course fell into disrepair. In 1993, the East Lake Foundation was established to restore the course and the clubhouse as a tribute to Jones. Using the original Shutze architectural drawings, the clubhouse was restored to its original splendor in 1994.

The club become the permanent home of the TOUR Championship in 2005 and it was clear the clubhouse would need an expansion. When an addition was proposed in 2007, historical accuracy was critical to the success of the project. This included replicating the historic clay tile roof and its dazzling blend of colors.

THE CHALLENGES

DPR Hardin Construction Company contacted Ludowici and JGA Southern Roof Center in September 2007 about a 20,000 sq. ft. addition to the historic East Lake clubhouse. The existing clubhouse roof was manufactured by B. Mifflin Hood Tile Company. B. Mifflin Hood, a long time competitor of Ludowici, went out of business in the 1950s. Located in Daisy, Tennessee, B. Mifflin Hood's numerous tile and brick plants throughout the Southeast furnished tile to many historic homes and buildings. As these buildings aged and incurred damage, replacement tiles were hard to come by. Using historic catalogs, drawings and technical guides, Ludowici's craftsmen have become experts in replicating historic trim and color profiles from a number of manufacturers, including B. Mifflin Hood.

To make this addition a success, Ludowici would need to match not only the tile size and surface, but also the historic colors, many of which were created by dangerous and long since abandoned firing techniques.

THE APPROACH

.Representatives from Ludowici, DPR Hardin, JGA, Dixie Roof Decks, and KTM Roofing met in early December 2007, on top of the existing roof deck, to review small color chips and begin the color match process. Ludowici used these standard color chips as a jumping off point to create the first set of tile samples for comparison. Ludowici produced full-sized clay roof tiles in a number of color variations in an attempt to reproduce the color blend of the existing roof. Over the next few months, Ludowici's ceramic engineer compiled a number of different custom color glaze formulations in order to match the existing color blend. At the same time, Ludowici's technical team worked to re-create the custom-size B. Mifflin Hood tile profile, surface and accessories.

In February 2008, the first set of sample tiles were shipped to the jobsite to construct a mock-up. The initial mock-up was built on the top of the existing roof allowing the tiles to be compared up close to the existing roof.

Over the next few weeks all parties reviewed the mock-up's colors, blend percentages and tile surface and suggested final edits. A second mock-up was built and on March 18, 2008, the project architects at Smallwood, Reynolds, Stewart, Stewart approved the resulting custom historic roof tile profile with extra heavy scoring in 14 custom colors for use on the new addition.

After field tile was approved, attention turned to the decorative accessories. The interlocking ridge tile on the existing clubhouse significantly defined the building's exterior lines. It featured a thick collar and heavy scoring, matching the existing field tile. Ludowici was able to use a signature ridge tile, the #211 ridge, to recreate the same look on the new structure. The same custom texture and 14 custom color blend were applied to the #211 ridge tile to reproduce the same visual effects on the ridges of the new addition.

THE RESULTS

The resulting tile featured a custom, smaller than standard yet historically accurate, roof tile profile with extra heavy scoring in a custom color blend consisting of 14 unique colors. The colors were created to mimic the aging prominently seen on the existing tile roof. Ludowici began shipping the newly created tile in April 2008. Installation was completed in September 2008, one year after the roof project was introduced to Ludowici. Dixie Roof Decks and KTM Roofing carefully blended the intricate 14 custom colors to replicate the random installation on the existing roof, resulting in a seamless blend from the historic roof to the new 20,000 sq ft. addition.

ARCHITECT

Smallwood, Reynolds, Stewart, Stewart - Atlanta, GA

ROOFING CONTRACTORS

DPR Hardin Construction Company – Atlanta, GA

Dixie Roof Decks - Lawrenceville, GA KTM Roofing - Atlanta, GA

ROOFING DISTRIBUTOR

JGA Southern Roof Center – Atlanta, GA

PRODUCTS

Custom Historic Shingle

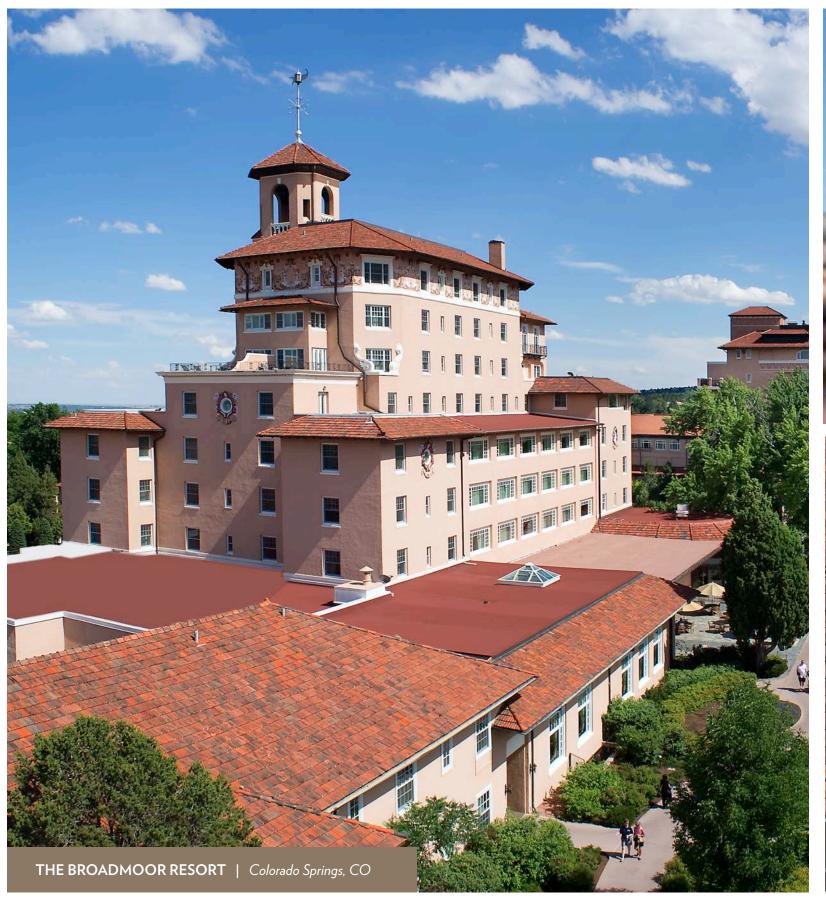
COLORS

Custom 14 Color Blend



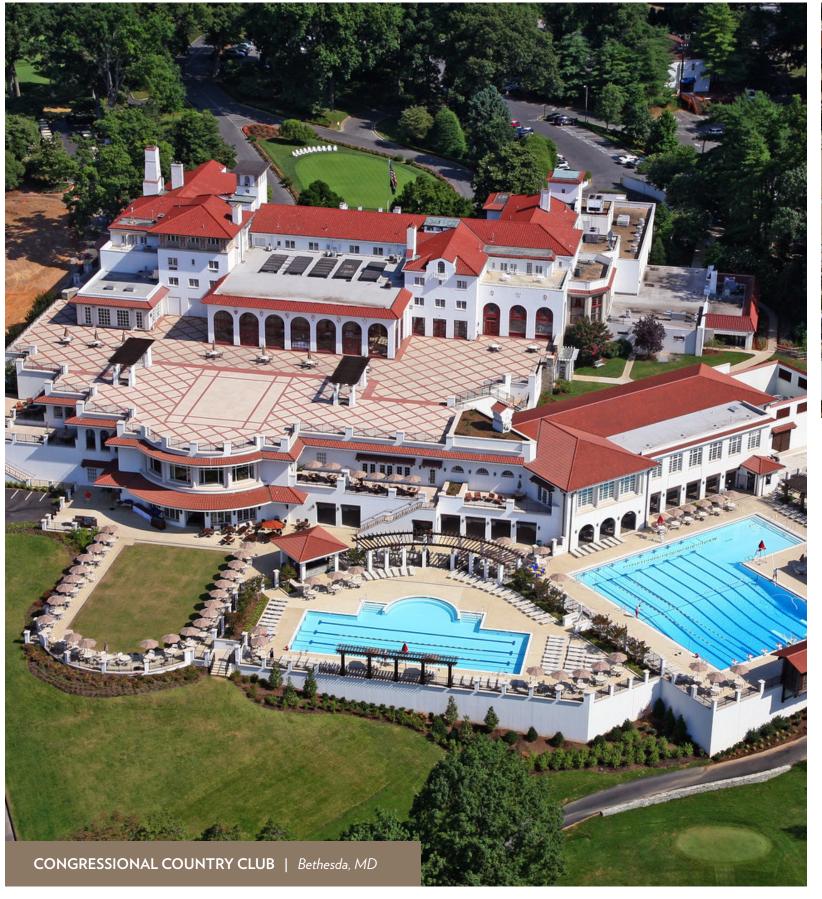




















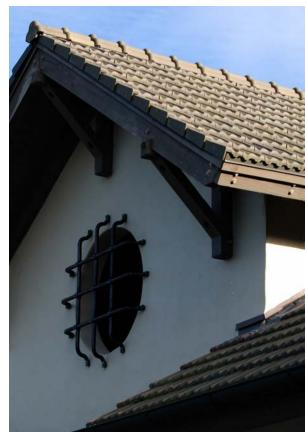










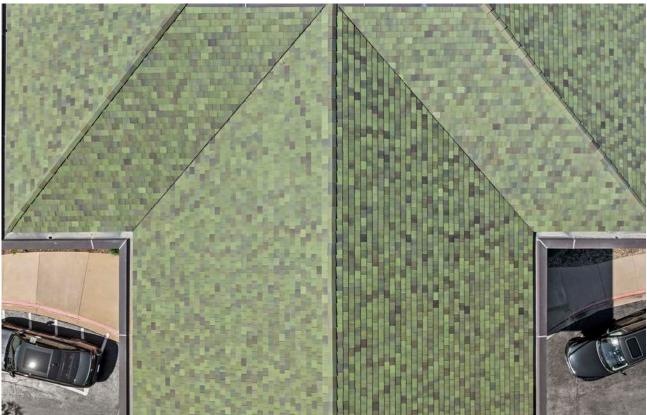














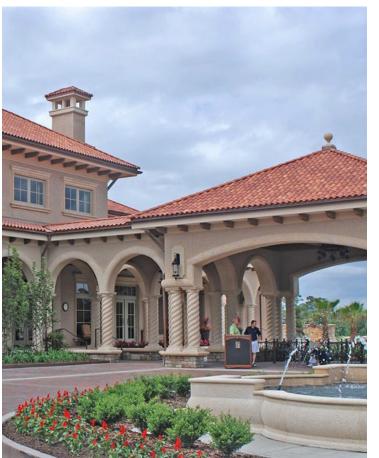
























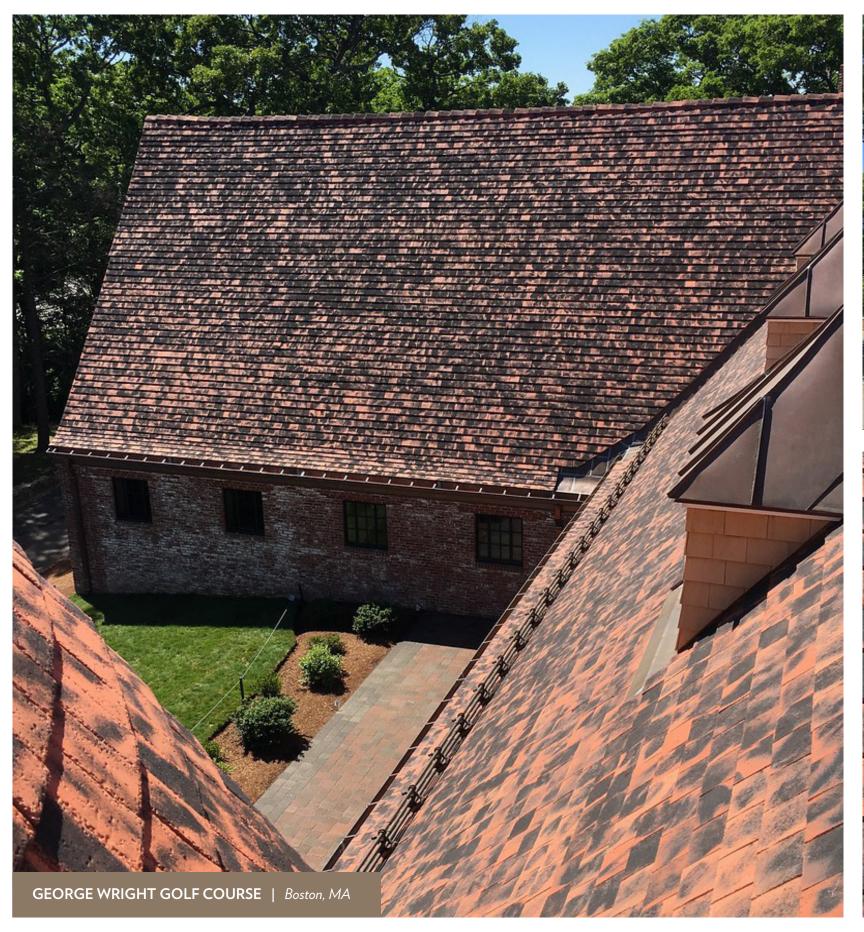














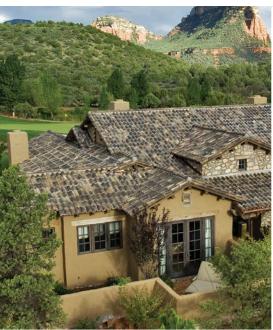


















LUDOWICI°

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800-945-TILE (8453) www.ludowici.com $Ludowici\ is\ your\ premier\ source\ for\ architectural\ terra\ cotta\ roof\ tiles,\ floor\ tiles,\ and\ wall\ cladding\ solutions.$