



Beautifully Unbeatable

THE QUALITY, PERFORMANCE AND BEAUTY OF TILE ROOFING

tileroofing.org








Building strong foundations in concrete and clay tile roofing.

For nearly 50 years, the Tile Roofing Industry Alliance (TRI Alliance) has been leveraging hands-on experience and deep industry knowledge to enhance product quality, improve installation practices and increase the market strength of tile roofing.

We're a force wide and strong. Our member companies produce nearly all the concrete and clay tile made in North America. TRI Alliance is committed to guiding and growing the industry by providing technical expertise, creating strong partnerships, implementing best practices and providing certification in code-approved tile roof installation.



USTile by Boral



As the leading experts in the industry, we are driving positive change and have the results to prove it. We're building on decades of technical knowledge, internal resources and on-the-ground expertise to better educate building professionals. Our legacy of leadership, partnership and experience are the driving forces behind advancing concrete and clay tile in the roofing industry to ensure product and service excellence.

ELEVATING TILE EXCELLENCE

TRI Alliance produces technical manuals and installation best practices within all the major code bodies nationwide.

And we're at the forefront in developing stronger building codes, detailed testing on tile durability and more. Our contributions include:

- Developing the first industry-based series of installation guides for all climatic regions.
- Assisting the Committee for Firesafe Dwellings in the creation of California legislation to ban combustible roofing materials.
- Guiding efforts to revise codes for high-wind regions and working to upgrade installation standards after Hurricane Andrew.
- Working with the University of Southern California (USC) to determine that tile roofing can withstand forces two to three times those of the 6.7 magnitude Northridge earthquake.
- Collaborating with the American Society of Testing Materials (ASTM) to develop standardized testing methods for roof tile.





CHAMPIONING THE INDUSTRY

We understand building professionals' challenges and provide real-world, value-added services to make their lives easier and tile products better.

And as the primary voice of our industry, we keep our finger on its pulse to drive change:

- Delivering comprehensive technical information to manufacturers, distributors and contractors.
- Collaborating with associations on installation guidelines, building codes and concrete and clay tile advancements.
- Offering in-depth certification and comprehensive training programs to educate roofing professionals on code-approved installation methods.

Our enhanced partnerships help us build awareness of market changes, improve our membership offerings and sustain our position as the leading information source for tile roofing in the building industry.



DEVELOPING STRONGER ALLIANCES

We have built close relationships over the decades, sharing knowledge and learning from one another.

We're leveraging our relationships with national manufacturers, regional standards bodies and governing associations to innovate and improve product standards by:

- Addressing material and code standards across the U.S. to ensure product durability, sustainability, and proper testing and installation.
- Partnering with leading laboratories to conduct extensive research on ventilation properties and energy savings.
- Working with manufacturers to provide insight and promote their innovative methods regarding colors, shapes and patterns designed to suit any architectural style.
- Analyzing emerging markets continuously for opportunities to expand the variety and availability of roofing tile.

*Crown Roof Tile
Mediterranean
Desert Sand*

*Redland Clay Tile
Two Piece Mission
Lago Blend*

*Ludowici
Cottage Terra Cotta
Shingle Tile
Custom Color
Weathered Aged Cedar
Weathered Sienna
Weathered Western Cedar*



Concrete and clay tile didn't reinvent sustainability, design and innovation for the roofing industry – it originated it.

Through the fusion of centuries-old understanding and modern technology, concrete and clay tile deliver unparalleled durability, energy savings and protection – making it one of the most appealing and preferred roofing materials in the world. And regardless of climate, hazardous weather or region, it's ideal for all roofing installations, offering unbeatable longevity, beautiful aesthetic variety and the wow factor.



UNPARALLELED CURB APPEAL

<i>Color Variety</i>	From light shades to dark or multi-colored, designers can easily coordinate tile roofing with exterior colors and architectural elements, such as pavers, stonework and more.
<i>Full Range of Profiles</i>	Variety in styles and textures tailor easily for both residential and commercial structures.
<i>Enhanced Appeal</i>	Various tile installation methods, along with added components and/or accessory pieces, can further elevate the beauty and details of a structure.



RESALE VALUE

<i>Unmatched Aesthetics</i>	Vibrant colors and skillfully crafted profiles provide distinctive, permanent beauty.
<i>Excellent Warranty</i>	Tile manufacturers offer warranties of up to 50 years or more, compared to much shorter warranties offered by other roofing material manufacturers, including those that produce asphalt shingles.

DURABILITY

<i>Low Maintenance</i>	Requires little maintenance or repairs; more cost effective than replacing asphalt shingle roofs every 20 years.
<i>Class A Fire Resistant</i>	Rated as both a product and a roofing system; tested for flame spread, intermittent flame and burning brand.
<i>Seismic Resistance Tested</i>	Exceeds current seismic load requirements for building materials installed per current fastening standards.

EXTREME WEATHER PERFORMANCE

<i>Rain</i>	Tough, water-shedding outer shell with underlayment serves as an extra shield.
<i>Hail Resistance</i>	Tested to FM4473 standards and resists damage from hailstones as large as 2 inches – larger than a golf ball.
<i>Wind Resistance</i>	Tile's natural weight and strength resists high winds, and is designed and tested to meet Florida's wind resistance building code of 150 MPH wind speeds or higher.



**MOST POPULAR ROOFING PRODUCT
IN THE WORLD**

DURABILITY BEYOND COMPARE

ENERGY COST SAVINGS

**PROTECTION LIKE NO OTHER
ROOFING MATERIAL**

SUPERIOR ENERGY BENEFITS

<i>Natural Ventilation and Airflow</i>	Airspace around individually installed tiles provides a thermal barrier that reduces heat transfer to the roof deck.
<i>Energy Cost Savings</i>	Tile significantly lowers heating costs in the winter and cooling costs in summer compared to other roofing products.



GREEN BUILDING

<i>Superior Sustainability</i>	Lowest life-cycle costs based upon the life of the roofing material and required maintenance that meets LEED® and ENERGY STAR® requirements.
<i>Tax Credit</i>	Owners benefit from a 30% federal tax credit.
<i>Environmentally Friendly</i>	Mineral-based, nontoxic raw materials can be reused in manufacturing, whereas asphalt shingles go to landfills.

Cool Roof Ratings

<i>Natural Reflectivity</i>	Natural reflectivity cuts the transfer of heat compared to other roofing materials such as asphalt shingles by up to 70%.
<i>Engineered to Perform</i>	Most products meet the highest cool roofing standards such as ENERGY STAR® and LEED®.



Recycling / Life-Cycle Costs

<i>Most Extended Life Cycle of Any Roofing Product</i>	Provides a permanent solution intended to last the life of the structure it protects.
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Solar Tile Roofs

<i>Maintains the Aesthetics of Tile Roofing</i>	With proper certified installation, solar panels can be incorporated while maintaining the roof's appearance.
<i>Increases Home Value</i>	Tile roofs are inherently energy efficient, boosting home value. And according to the Appraisal Institute, a solar electric system can boost home value even further – by \$20,000 for each \$1,000 in annual reduced operating costs.

Crown Roof Tiles
Mediterranean
Windsor Slate
Lead Gray

Ludowici
Colonial Shingle
Custo

Eagle Roofing Products
Staggered Ponderosa
Arcadia Canyon Brown

Eagle Roofing Products
Boosted Capistrano
El Morado Blend

Boral Roofing
Cedarlite
Heartwood



Expand your offering to meet the growing demand for beautiful, durable, eco-friendly tile roofing.

Building owners love the energy efficiency built into clay and concrete tile. In virtually every climate and geographic area, tile roofs provide exceptional thermal properties, reducing heat loss or gain. Natural air ventilation under the tiles creates a heat transfer barrier that can help cool a house in summer and warm it in winter, lowering energy costs by as much as 20%.

Architects specify tile for its stunning appearance and versatility. Clay and concrete can be molded to resemble wood shakes, chipped stone and shingle-style slate, along with more traditional barrel and s-shaped profiles. Tile can be glazed in dozens of kiln-fired colors that retain their hues for generations to come. There's a perfect match for every architectural style, from colonial to contemporary. Virtually maintenance-free tile also helps satisfy LEED® and ENERGY STAR® requirements.

With training, tile roofs are among the easiest to install. TRI Alliance's training and certification programs provide the groundwork of professional tile roof installation and the latest information on rapidly changing code standards. When a company earns certification, it is listed on TRI Alliance's Find a Contractor search page, used by more than 30,000 homeowners to date to find trained tile roofers.

*Boral Roof Tile and Components
Madera 900
Vintagewood*

*Redland Clay Tile
Two Piece Mission
2251 Old Sedona Blend*



Boral Roof Tile and Components
Plantation Slate : White



VHR Roof Tile
Riviera : Green



MCA Clay Roof Tile
Fish Scale Dome Tile : Metope Tile



Crown Roof Tiles | Mediterranean :
Burnt Terracotta, Khaki Brown, Medera Blend



Eagle Roofing Products
Bel Air : Village Blend



Eagle Roofing Products
Capistrano : Sierra Madre



VHR Roof Tile
Modern Slate : Light and Dark Gray



Bartile Roofs Inc
Split Timber : #234



Bartile Roofs Inc
New England Slate Cottage Ruffut : #202



Eagle Roofing Products
Bel Air : Dark Charcoal Range



VHR Roof Tile
Modern Slate : Hawaiian Blue Blend



MCA Clay Roof Tile | Turret Tile :
Natural Red, Tobacco Crown Flash, Carbon Crown Flash



The ultimate resource for tile roofing.

At TRI Alliance, we measure concrete and clay tile roofing by more than square feet. We deliver training, technical resources and information that encourage enhanced investment in the overall project – helping our partners achieve business objectives and success. In a crowded market, we make concrete and clay tile stand out by educating homeowners on the increased return on investment over the lifetime of their dwelling.

THE VALUE OF TRI ALLIANCE CERTIFICATION

Professional Know-How

A contractor that becomes TRI Alliance certified joins an elite group of industry professionals known for their thorough understanding of tile products and the latest developments in roofing standards, best practices, and concrete and clay tile installation.

Value You Can Count On

TRI Alliance–certified installers get hired because they are the best. Training, testing and certification enable them to exceed the expectations of today's sophisticated, demanding builders and designers. Standing out from the rest means landing more projects.

Proven Knowledge

Contractors go through a rigorous one- to two-day TRI Alliance training program and are tested on the proper, code-approved methods of tile roof installation. Homeowners can search Find a Contractor on the TRI Alliance website for local certified installers for reroofing and new construction projects.

VISIT TRI ALLIANCE'S WEBSITE AT TILEROOFFING.ORG FOR MORE INFORMATION ON CLAY AND CONCRETE TILE AND TO CONTACT A KNOWLEDGEABLE TILE ROOFING PROFESSIONAL.

Redland Clay Tile
Cambridge Shingle
Flat Fair Blend

Ludowici
LudoSlate Interlocking Terra Cotta Roof Tile
Custom



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