



Terra cotta is an energy-efficient, sustainable choice for your building project. At Ludowici, we are committed to manufacturing architectural terra cotta products that honor their heritage from the earth. There are many qualifications that we strive to meet each and every day, to help us live up to this promise.



UNMATCHED DURABILITY

Unlike other roofing materials, Ludowici terra cotta tiles have a life expectancy of over 100 years. Our tiles also do not require maintenance, saving the environment from harsh chemical cleaners and landfills from filling up with roofing products that need to be replaced every 10 years. This means Ludowici tiles offer the lowest life cycle costs in the industry.



REDUCE. REUSE. RECYCLE.

Ludowici tiles are made of locally-sourced, natural materials (clay and water) through a unique process which creates no waste. We go to great efforts to be good stewards of the land we harvest. Our tiles are chemically inert, making them forever safe. Moreover, all Ludowici products are 100% recyclable. At the end of their lifespan they can be recycled and used as filler and filter components for future construction.



REDUCING ENERGY CONSUMPTION

Energy savings exceeding 20% are common with a Ludowici roof. ¹ With a number of standard colors that meet a Solar Reflective Index (SRI) greater than 39, Ludowici offers proven energy-efficiency without limiting color choices. Finally, explore Ludowici's rainscreen system to discover more ways to save energy throughout the building envelope.



LUDO 360

Ludo 360 is a special clay body blend made of clay scrap, shale and waste material that produces a clay tile with 40% postindustrial content. Ludowici can make any of our standard profiles, trim pieces and accessories with our Ludo 360 clay body. Add that to one of our LEED, CRRC and Energy Star color glazes and you have a truly environmentally friendly roof option.

¹ Cooling cost savings vs. asphalt, Florida Solar Energy Center 2008

STANDARDS AND CERTIFICATIONS

Four organizations set the standards for sustainability or green attributes for roofing materials. Our products earn some or all of the following certifications.



COOL ROOF RATING COUNCIL

The Cool Roof Rating Council is an independent, non-bias organization whose mission is to implement and communicate fair, accurate and credible radiative energy performance rating systems for roof surfaces. Ludowici has over 26 colors rated with the Cool Roof rating program. See a sales representative for a current list of CRRC accredited colors.



CRADLE TO CRADLE

Products that qualify for this holistic certification program are not only efficient but essentially waste-free. Ludowici products have a material reutilization content score of more than 30.



ENERGY STAR

An Energy Star labeled product is a reflective roof product that lowers roof surface temperature, thereby decreasing the amount of heat transferred into a building's interior. Ludowici has a number of colors that exceed the Energy Star product requirements for solar reflectivity and are available on all Legacy Collection profiles. See the Colors of Ludowici brochure for color list.



LEED

According to the U.S. Green Building Council, "LEED is an internationally recognized certification system that measures how well a building or community performs across all the metrics that matter most: energy savings, water efficiency, CO₂ emissions reduction, improved indoor environmental quality and stewardship of resources and sensitivity to their impacts." Ludowici products qualify for the following LEED credits (depending on project location, color and post-industrial recyclable content of product-selected):

MR Credit – Material Ingredients
Ludowici is Cradle to Cradle certified for material health, material reutilization, renewable energy and carbon management, water stewardship and social fairness.

MR Credit – Building Product Disclosure and Optimization Sourcing of Raw Materials
Ludowici clay tile has a post-industrial recyclable content of 3%. This can be increased to 40% by using our Ludo 360 clay body for your project.

SS Credit – Heat Island Reduction
1-2 LEED points can be earned for LEED approved colors that meet an initial SRI > 39 or a 3-year aged SRI > 32. See the Colors of Ludowici for a complete list.