

 **LUDOWICI**  
SINCE 1888 **ROOF TILE**



**LUDOSHAKE™**





**Premier** Nominal 10", 7" & 5" Widths



Nominal 10" Width

## Colors



Earth Gray



Western Cedar



Sienna



Aged Cedar

## Blends



Blend #300: 80% Sienna & 20% Aged Cedar



Blend #301: 40% Western Cedar, 30% Sienna & 30% Earth Gray



Blend #302: 80% Earth Gray & 20% Aged Cedar



Blend #303: 60% Western Cedar & 40% Earth Gray



### 120 YEARS OF PROVEN PRODUCT PERFORMANCE

Unlike plastic shake, Ludowici's 120 year clay tile history proves this product will not curl, fade, flake, spall, burn, or produce unsightly white salt deposits.



### GREEN

Clay roof tile is the most environmentally friendly roofing product on earth. Ludowici clay roof tile offers numerous ways to benefit the GREEN building movement (including LEED®, U.S. Green Building Council, Cool Roof Rating Council and an Energy Star Partner). Please visit [www.ludowici.com](http://www.ludowici.com) for more information.



### LIGHTWEIGHT

LudoShake™ weighs only 598 lbs / square.



### ONLY 111 PIECES PER SQUARE

LudoShake™ has fewer pieces per square to install than plastic shake and wood shake. This allows for more affordable installation costs when compared to wood shake (240 - 260 pcs) and plastic shake (172 - 265 pcs).



### COLOR DURABILITY / PERMANENT FINISH

LudoShake's™ permanent finish is fired onto the tile surface at 2,100 degrees. This highly technical process creates a colorfast, permanent finish warranted for 75 years and guaranteed not to fade, chalk or effloresce.



### WEATHERED LOOK FROM DAY 1

Why wait for wood shake weathering to transform into the color you desire? LudoShake™ can be ordered in color permanent weathered colors for an immediate desired look.



### TRADITIONAL SHAKE APPEARANCE

LudoShake™ can be ordered and installed to accomplish several different traditional shake appearances: constant width, random widths, staggered butts, and straight butts.



### IMPERVIOUS TO THE ELEMENTS

LudoShake™ (as with all Ludowici products) has an average water absorption rate of <1% making it impervious to moisture, heat, fire and freeze thaw cycles. LudoShake™ is a Grade 1 roof tile as defined by ASTM C1167.



### WALKABILITY

LudoShake™ has a breaking strength of 550 lbs, 1.8 times the requirement defined by ASTM C1167 for a Grade 1 roof tile.



### WARRANTY

LudoShake™ comes with a 75 year warranty that is backed by a company in continuous business for 120 years. For plastic shakes, investigate the company offering a 50 year warranty when in business for 10 years or less.





# SHAKE PRODUCT COMPARISON CHART

	LudoShake™	Plastic Shake	Wood Shake	Cement / Concrete Shake
<b>Pieces / Square</b>	111 - 120	172 - 265	240 - 260	85 - 120
<b>Lightweight</b>	YES (598 lbs/sq)	YES (275 - 350 lbs/sq)	YES <sup>(4)</sup> (300 - 400 lbs/sq)	NO (950 - 1200 lbs/sq)
<b>Color</b>	Permanent	Will Discolor	Colors Weather	Will Fade
<b>Warping / Curling</b>	NO	Usually <sup>(1)</sup>	YES	NO
<b>Fire Rating</b>	Class A (naturally)	Varies By Manufacturer	Class A (requires special treatment)	Class A
<b>Resistant To Freeze Thaw Cycles</b>	YES	YES	NO	NO
<b>Maintenance Free</b>	YES	YES	NO – Cedar Shakes require treatment every 2-4 years	YES
<b>Warranty</b>	75 years <sup>(2)</sup>	50 years <sup>(3)</sup>	0 - 50 years	0 - 50 years
<b>Product History</b>	120 years	10 years or less	100 plus years	100 plus years
<b>Thickness</b>	3/4"	3/16" - 1/2"	1/8" - up	1/2" - 1"
<b>Walkability</b>	YES	YES	YES	Cement Shake - NO Concrete Shake - YES

- (1) Depending on their formulation, plastic shakes will react to the elements by changing shape, warping, and curling.
- (2) Ludowici warranty includes color fastness.
- (3) Plastic shake warranties do not include color fastness and are usually pro-rated. Ask how long the company has been in business and the product on the market. Investigate the value of a 50 year warranty from a 10 year old company and/or product.
- (4) Weight shown is for dry wood shakes. Depending on the water absorption rate of wood selected, the saturated weight of wood shakes can become heavy.

## SHAKE "GREEN" CHARACTERISTICS

	LudoShake™	Plastic Shake	Wood Shake	Cement / Concrete Shake
<b>Sustainable</b>	YES	NO <sup>(1)</sup>	NO <sup>(2)</sup>	YES <sup>(3)</sup>
<b>Typical Lifespan</b>	100 plus years	Unknown	15 - 25 years	15 years
<b>Reusable</b>	YES <sup>(4)</sup>	NO	NO	NO
<b>Natural Material</b>	YES (Clay)	NO (Plastic)	YES	NO
<b>Plentiful or Renewable Material</b>	YES (Clay)	NO (Petroleum Based)	NO (Destroys Old Growth Forests)	YES
<b>Durable</b>	YES	NO	NO	YES
<b>Made From Non-Toxic Materials</b>	YES	NO	YES	NO

- (1) Plastic shakes are made from oil and the world's supply of oil is depleting.
- (2) The best wood shakes come from old growth forests.
- (3) The base material is sustainable but the color will change significantly.
- (4) There is a large market for salvaged Ludowici Roof Tile. Markets for used plastic, wood shakes, and cement/concrete shakes do not exist.



### LudoShake™ Approvals:

Miami-Dade County, Florida  
NOA No.: 07-0914.10  
(Expiration Date: 01/31/2013)

State of Florida Product  
Approval No.: FL10418.6

ASTM C1167 Grade 1 Roof Tile

LudoShake™ is Patent Pending



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