







# ABOUT TERRA COTTA SHAKE *ALTERNATIVES*

One of our most popular profiles, Ludowici's shake alternative terra cotta roofing products offer the true rustic aesthetic of real natural materials, without the maintenance.

Ludowici cedar and wood shake roof alternatives feature pressed grooves, scratching, and rugged butts—mirroring the appearance of wood shake without the maintenance. Unlike other cedar shake roof alternatives, Ludowici shake roof tiles are walk-able, noncombustible, and carry Grade 1 ASTM certification for less than 2% water absorption. LudoShake roof tile is a lightweight option, perfect for renovation!





# BENEFITS

- ASTM C1167 Grade 1 Certified
- Fireproof: Class A Fire Rated
- Lowest water absorption
- No warping or curling
- Salt-Resistant
- Made for Freeze-Thaw
- Lightweight
- Unmatched durability
- Sustainable material
- Low maintenance
- Domestic product for over 130 years
- 75-Year Warranty, including color

**75** YEAR WARRANTY

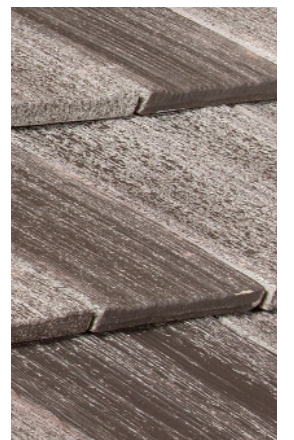






## LIGHTWEIGHT OPTIONS

Ludowici offers several terra cotta roofing products that are considered lightweight at 600 lbs per square. This is slightly heavier than saturated, designer asphalt shingles, yet much lighter than concrete tiles and medium thickness natural slates.







## WOOD SHAKE VS. CLAY WHAT'S THE DIFFERENCE?

- ◆ Wood begins to warp, twist, and curl—unlike durable Ludowici tiles that maintain their shape indefinitely.
- ◆ Whereas real wood shakes are flammable, creating a hazard for occupants. Ludowici's terra cotta shake alternatives are always made of fire-proof clay.
- ◆ Wood shake tiles may require intermittent underlayment at each course line. Ludowici terra cotta shakes never do.
- ◆ Colors applied to wood shake fade over time. Ludowici terra cotta shakes are color permanent and maintain their beauty for the life of the product. If the appearance of fading or weathering is desired, Ludowici can color-match with no wait time or product degradation.
- ◆ Clay is abundant, whereas natural wood shakes contribute to the destruction of old-growth forests.



*Pictured: Shake products showing warping, curling and mold growth*



# SHAKE TILE PROFILES

Ludowici terra cotta shake tiles come in five recommended profiles with varying size options. Full customization is available for color and some additional texture applications. For example, if you desire the worn, aged look of a years' old wooden roof, our skilled craftsmen can replicate authentic warping without the wait.



AMERICANA 14"



AMERICANA 16"



CENTURY SHAKE



CENTURY SHAKE  
PREMIER



GEORGIAN



LUDOSHAKE



LUDOSHAKE  
PREMIER



WILLIAMSBURG 14"



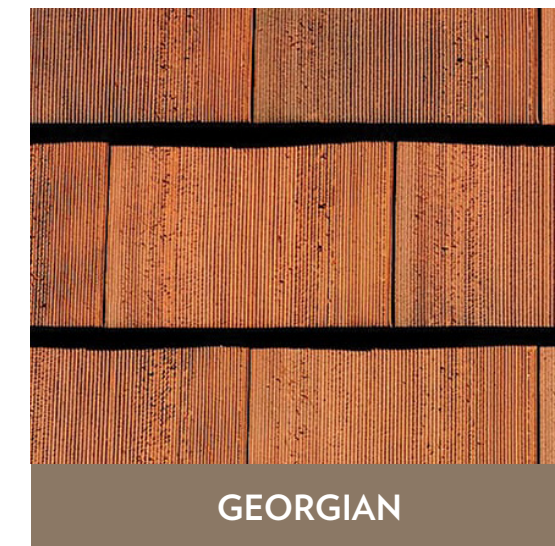
WILLIAMSBURG 16"





# SHAKE TILE PROFILES

Our shake alternatives offer the true rustic aesthetic of real natural materials, without the maintenance. Century Shake and LudoShake Premier options offer three sizes to create a random appearance. Tiles can be installed in straight rows or staggered for a more rustic appearance. Made with the texture and appearance of hand-spilt wood, Ludowici's shake alternatives are easy to install and maintenance-free.















# SHAKE TILE ATTRIBUTES

Ludowici shake tiles vary in size, weight and aesthetic. All Ludowici tiles are ASTM C1167 Grade 1 rated for highest durability, outstanding freeze-thaw and lowest moisture absorpency. Our tiles also carry Miami-Dade, Florida Building Code and Texas Department of Insurance approvals. Refer to the chart on the right to help narrow down which shake alternative is right for you.

PHYSICAL CHARACTERISTICS						
PROFILE	WEIGHT PER SQUARE (LBS)	PIECES PER SQUARE	OVERALL SIZE	EXPOSURE	MIN. SLOPE	BASE TEXTURE
 Americana 14"	800	158	9" x 14" x 7/8"	8 1/4" x 11" x 7/8"	3:12	Lightly Pressed Bark
 Americana 16"	750	109	10 1/4" x 16" x 7/8"	10 1/8" x 13" x 7/8"	3:12	Lightly Pressed Bark
 Century Shake	663	125	10 1/2" x 14 1/2" x 1"	10" x 11 1/2" x 1"	3:12	Scratched Shake
 Century Shake Premier	679	141 (Half Tile: 13; Two-Thirds Tile: 28; Full Tile: 100)	5 1/2" x 14 1/2" x 1" 7 3/16" x 14 1/2" x 1" 10 1/2" x 14 1/2" x 1"	5" x 11 1/2" x 1" 6 11/16" x 11 1/2" x 1" 10" x 11 1/2" x 1"	3:12	Scratched Shake
 Georgian	1600	276	8" x 15" x 1/2"	8" x 6 1/2"	5:12	Georgian Scoring
 LudoShake	598	111	10 3/4" x 16" x 3/4"	10 1/8" x 13" x 3/4"	3:12	Scratched Shake
 LudoShake Premier	676	119 (Half Tile: 10; Two-Thirds Tile: 9; Full Tile: 100)	5 3/4" x 16" x 3/4" 7 3/4" x 16" x 3/4" 10 3/4" x 16" x 3/4"	5" x 13" x 3/4" 7" x 13" x 3/4" 10 1/8" x 13" x 3/4"	3:12	Scratched Shake
 Williamsburg 14"	800	158	9" x 14" x 7/8"	8 1/4" x 11" x 7/8"	3:12	Scratched
 Williamsburg 16"	750	109	10 3/4" x 16" x 7/8"	10 1/8" x 13" x 7/8"	3:12	Scratched

\*Table sorted by lightest to heaviest product profiles



# SHAKE COLOR BLENDS

Ludowici shake tiles come standard in seven different color blends, or can be used with custom colors or blends to meet your design aesthetic. Our firing process ensures your Ludowici roof will not fade or discolor—a statement we stand behind with our industry-leading 75-year material warranty.



AGED CEDAR



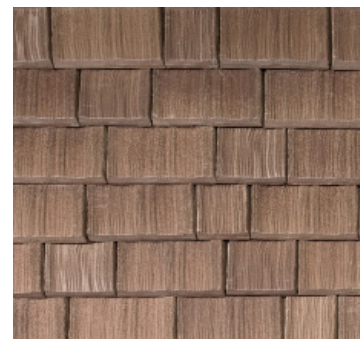
EARTH GRAY



EBONY MIST



GOLDEN RED CEDAR



SIENNA

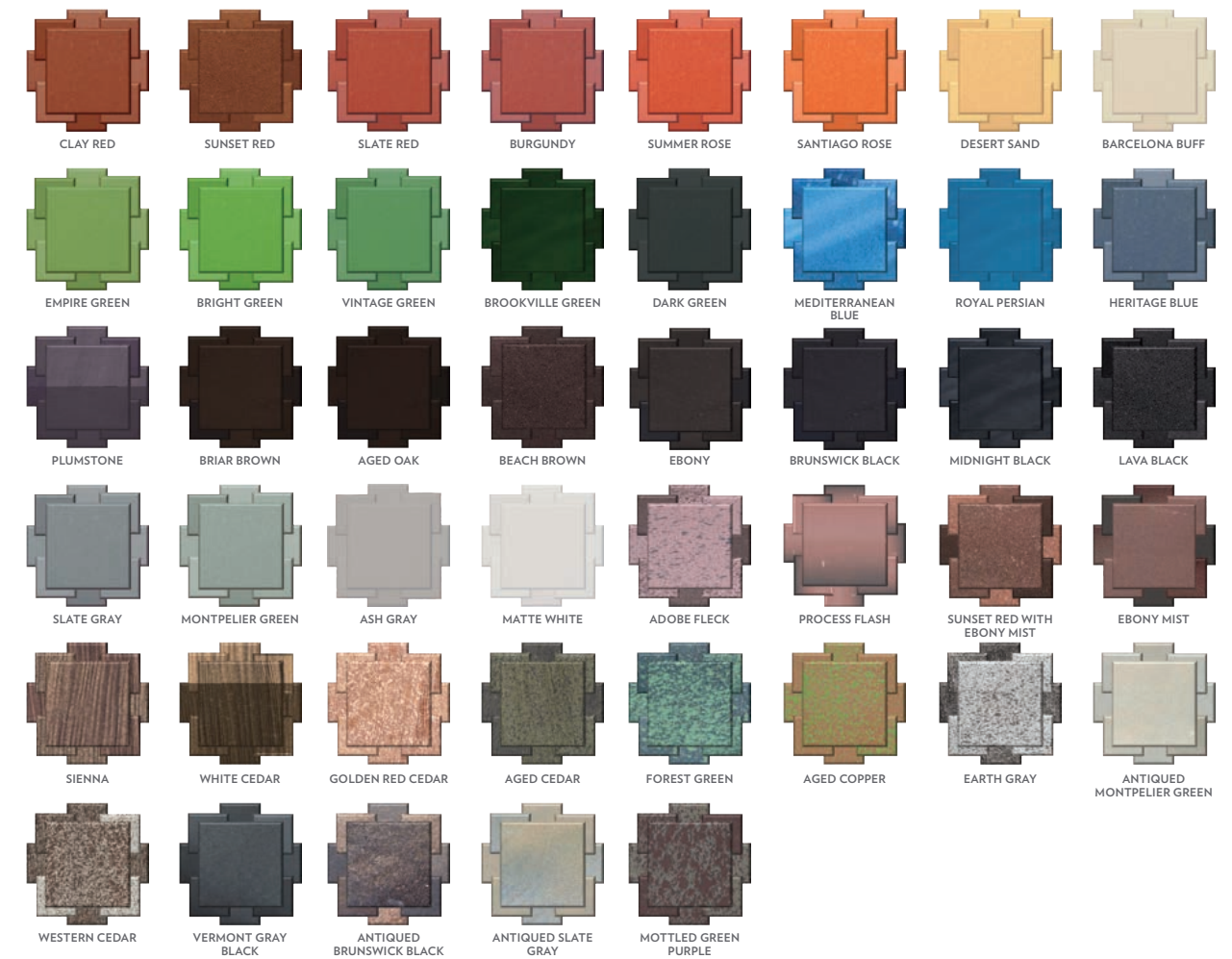


WESTERN CEDAR



WHITE CEDAR

## STANDARD COLOR BLENDS



## IMPRESSIONIST COLOR BLENDS







## OUR GREEN PROMISE

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. Ludowici products are made of locally sourced, natural materials that are produced through a unique process that creates no waste. Ludowici tiles are chemically inert and 100% recyclable, have an average life expectancy of over 100 years and offer energy savings commonly exceeding 20% over asphalt roofing.

Ludowici products also earn some or all of the many certifications from the four main organizations setting the standards for sustainability: Cool Roof Rating Council, Cradle to Cradle, Energy Star and U.S. Green Building Council's LEED program.







# PROJECT LOOKBOOK





CENTURY SHAKE | *Aged Cedar*







CENTURY SHAKE | *Earth Gray*







SHINGLE TILE | *Custom Color Blend*







CENTURY SHAKE | *Western Cedar*





CENTURY SHAKE | *White Cedar*



CENTURY SHAKE | *White Cedar*









LUDOSHAKE | *Custom Color*



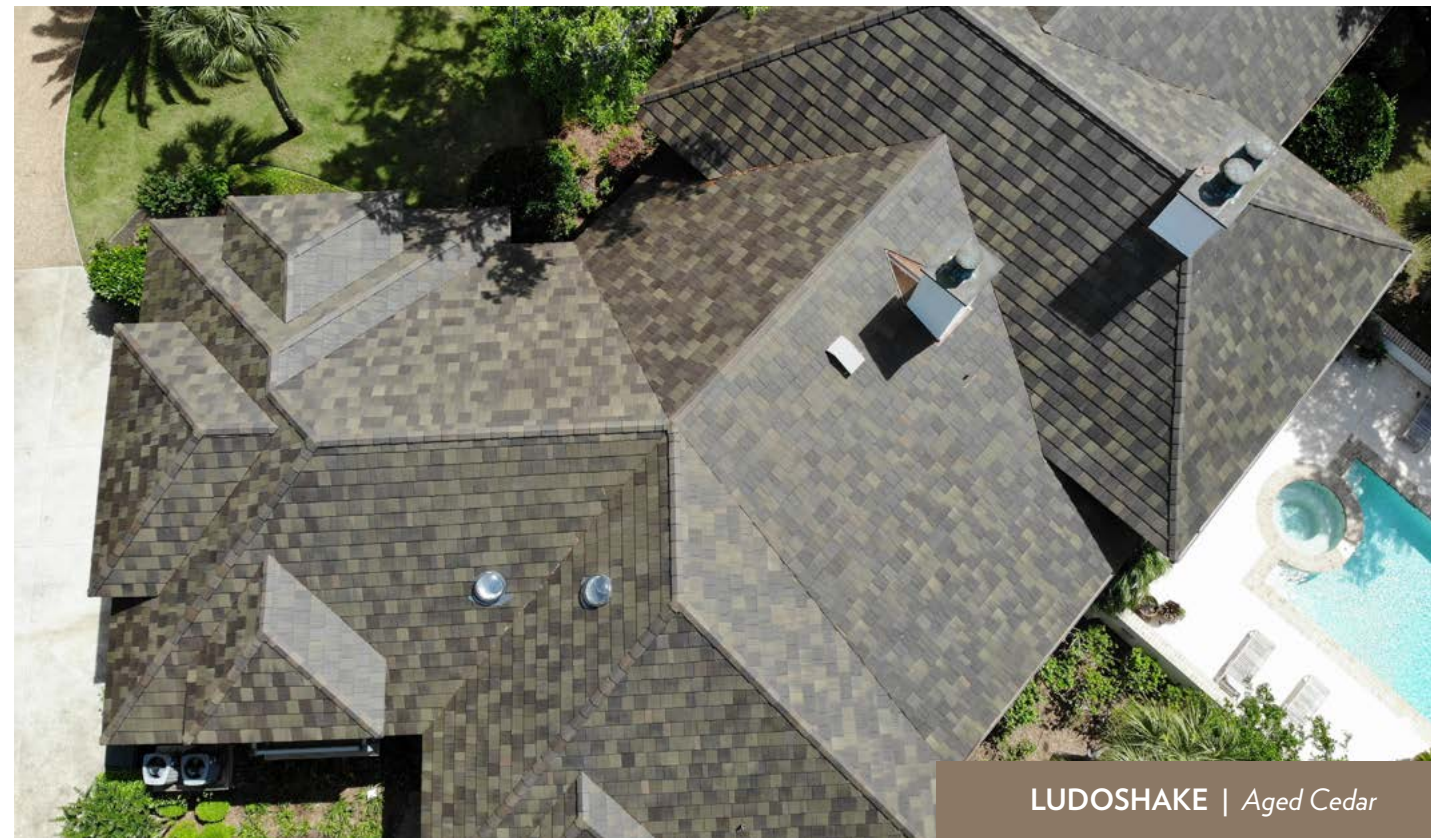
CENTURY SHAKE | *Earth Gray*







CENTURY SHAKE | *Sienna*



LUDOSHAKE | *Aged Cedar*









LUDOSHAKE | *Western Cedar*



LUDOSHAKE | *Custom Color Blend*







AMERICANA 14" | *Earth Gray*



AMERICANA 16" | *Custom Color Blend*







LUDOSHAKE | *Aged Cedar*



LUDOSHAKE | *Aged Cedar*





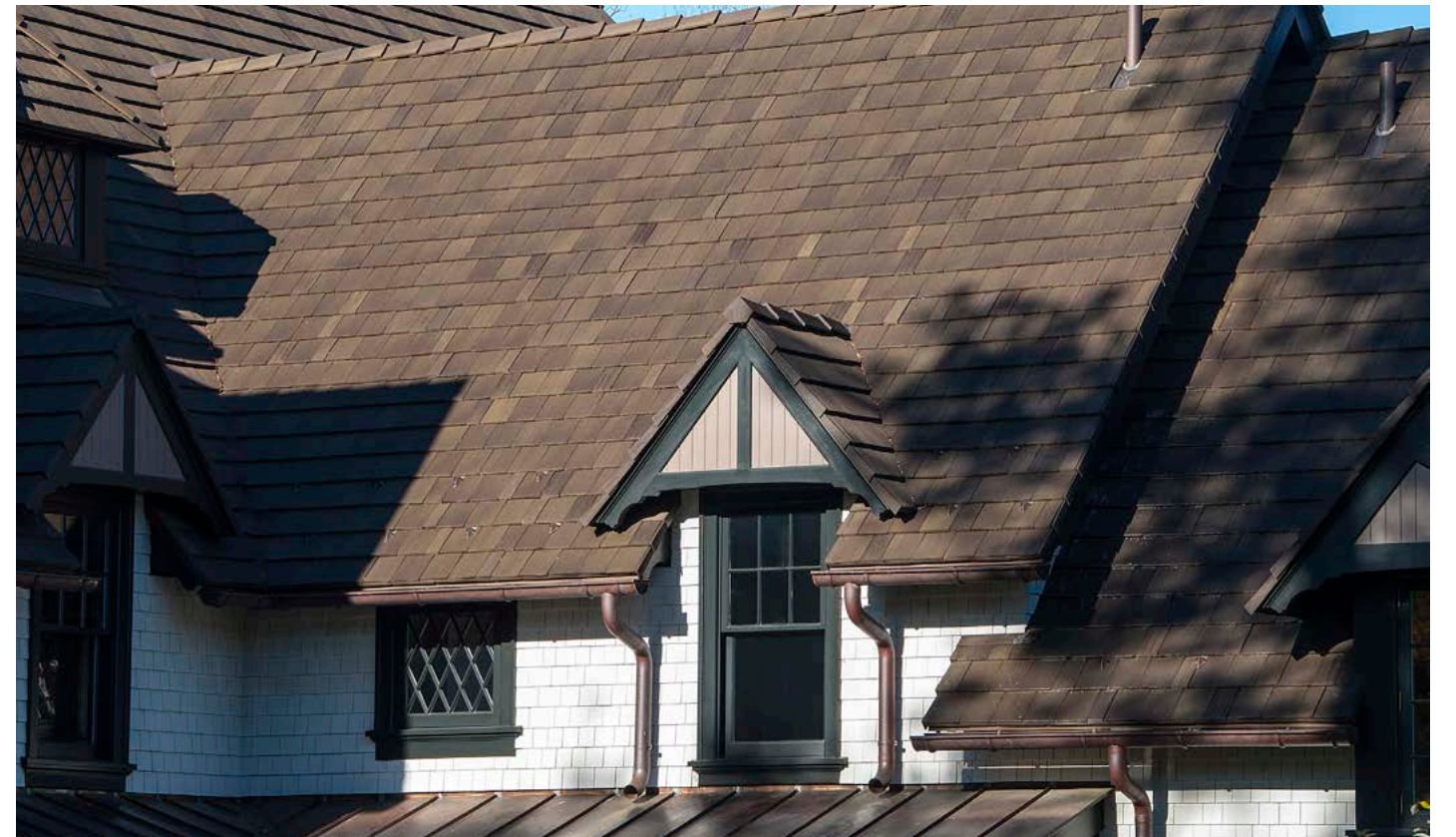
LUDOSHAKE | Custom Color Blend







WILLIAMSBURG 16" | *Aged Cedar*



WILLIAMSBURG | *Aged Cedar*





# SHAKE TILE DATASHEETS



# CENTURY SHAKE® INTERLOCKING TILE



Century Shake® is a thick profile interlocking terra cotta tile with a rugged texture and uneven surface. This tile has pressed grooves with a lightly scratched hand-split texture—mirroring the appearance of real wood shakes, without the maintenance. Century Shake Premier® is offered in three different tile sizes—creating random widths for a more authentic shake look.

## PHYSICAL CHARACTERISTICS

CHARACTERISTIC	CENTURY SHAKE	CENTURY SHAKE PREMIER			PROFILE
Weight Per Square	663 lbs.	679 lbs.			
Pieces Per Square	125 pcs.	141 pcs. (Full Tile: 100, Two-thirds Tile: 28, Half Tile: 13)			
Overall Size	10 <sup>1</sup> / <sub>2</sub> " x 14 <sup>1</sup> / <sub>2</sub> "	5 <sup>1</sup> / <sub>2</sub> " x 14 <sup>1</sup> / <sub>2</sub> "	7 <sup>3</sup> / <sub>16</sub> " x 14 <sup>1</sup> / <sub>2</sub> "	10 <sup>1</sup> / <sub>2</sub> " x 14 <sup>1</sup> / <sub>2</sub> "	
Exposure	10" x 11 <sup>1</sup> / <sub>2</sub> "	5" x 11 <sup>1</sup> / <sub>2</sub> "	6 <sup>1</sup> / <sub>16</sub> " x 11 <sup>1</sup> / <sub>2</sub> "	10" x 11 <sup>1</sup> / <sub>2</sub> "	
Minimum Slope	3:12	3:12			
Standard Color Blends	Aged Cedar, Earth Gray, Ebony Mist, Golden Red Cedar, Sienna, Western Cedar, White Cedar <i>(Also available in all standard and custom colors. Please see the Colors of Ludowici for more information)</i>				
Base Texture	Scratched Shake <i>(Also available in custom textures. Please see our Terra Cotta Textures for more information)</i>				

\*Premier sizes do not come pre-blended on pallets. Each size is packaged individually and must be blended in the field by the installer.

### APPROVALS & CERTIFICATIONS

- ◆ Miami-Dade NOA No: 13-0820.03
- ◆ State of Florida Approval No: FL 13777
- ◆ ASTM C1167 Grade 1 Roof Tile With Water Absorption Less Than 2%
- ◆ Class A Fire Rated
- ◆ IAPMO UES ER-452
- ◆ Texas Department of Insurance (TDI) Approved

### LUDOWICI WARRANTY

All Ludowici tiles are manufactured in the United States and carry a 75-year warranty against color fading and manufacturing defects. For complete warranty details, please visit [www.ludowici.com/warranty](http://www.ludowici.com/warranty).

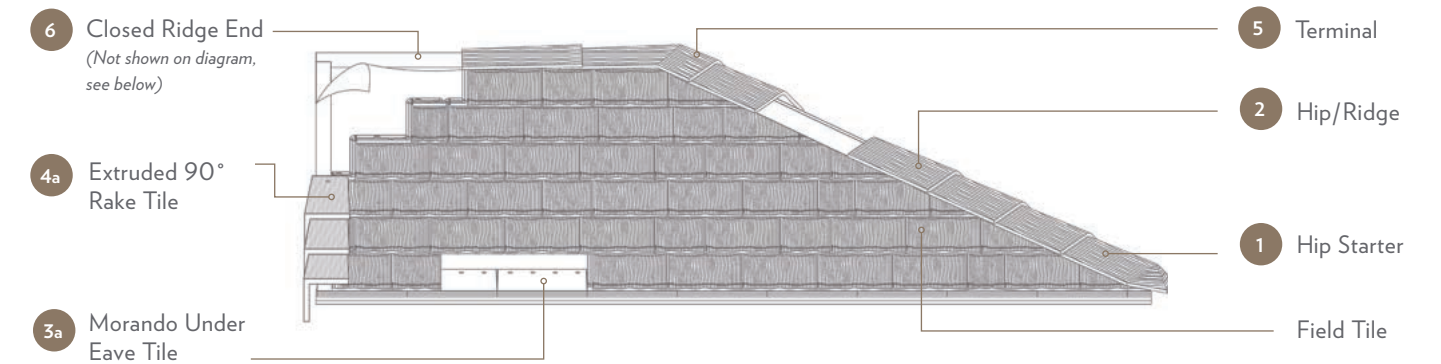


### GREEN ATTRIBUTES

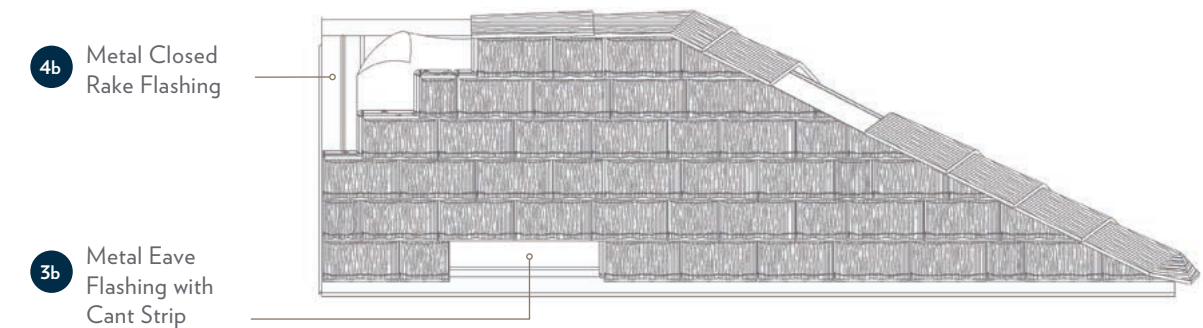
Ludowici terra cotta is an energy-efficient, sustainable choice for your new roof. Visit our website for details.



# CENTURY SHAKE® INTERLOCKING TILE



## ALTERNATE PART OPTIONS (Consult Installer for Availability)



## CENTURY SHAKE ACCESSORIES

	1	2	3a	4a	5	6
AVAILABLE THROUGH LUDOWICI	Hip Starter	Hip/Ridge	Morando Under Eave Tile	Extruded 90° Rake Tile	Terminal	Closed Ridge End
NOT AVAILABLE (Consult Ludowici)	Metal Eave Flashing with Cant Strip	Metal Closed Rake Flashing				

Visit [www.ludowici.com](http://www.ludowici.com) to download a detailed product sheet on Hip, Ridge and Decorative Hip Starters.

Photos are for representation purposes only and should not be used for final product selection. Tiles ordered should be chosen from actual samples available at the time of order. Ludowici reserves the right to alter and adjust products, colors and finishes at any time. Please contact a sales representative for more information.



# LUDOSHAKE INTERLOCKING TILE



**LudoShake** is a lightweight interlocking terra cotta roof tile featuring the texture and varied thickness of hand split wood that can be installed in straight rows or staggered for a more rustic look. **LudoShake Premier** is offered in three different tile sizes—creating random widths for a more authentic shake look. LudoShake will never fade, rot or curl. And unlike wood, rubber or plastic shakes, LudoShake tiles are Class A fire resistant, easy to install, maintenance-free and have fewer pieces per square than most alternatives.

## PHYSICAL CHARACTERISTICS

CHARACTERISTIC	LUDOSHAKE	LUDOSHAKE PREMIER			PROFILE
Weight Per Square	598 lbs.	676 lbs.			
Pieces Per Square	109 pcs.	119 pcs. (Full Tile: 100, Two-thirds Tile: 9, Half Tile: 10)			
Overall Size	10 <sup>3</sup> / <sub>4</sub> " x 16"	10 <sup>3</sup> / <sub>4</sub> " x 16"	7 <sup>3</sup> / <sub>4</sub> " x 16"	5 <sup>3</sup> / <sub>4</sub> " x 16"	
Exposure	10 <sup>1</sup> / <sub>8</sub> " x 13"	10 <sup>3</sup> / <sub>4</sub> " x 13"	7 <sup>3</sup> / <sub>4</sub> " x 13"	5 <sup>3</sup> / <sub>4</sub> " x 13"	
Minimum Slope	3:12	3:12			
Standard Color Blends	Aged Cedar, Earth Gray, Ebony Mist, Golden Red Cedar, Sienna, Western Cedar, White Cedar <i>(Also available in all standard and custom colors. Please see the Colors of Ludowici for more information)</i>				
Base Texture	Scratched Shake <i>(Also available in custom textures. Please see our Terra Cotta Textures for more information)</i>				

*\*Premier sizes do not come pre-blended on pallets. Each size is packaged individually and must be blended in the field by the installer.*

### APPROVALS & CERTIFICATIONS

- ◆ Miami-Dade NOA No: 13-0430.08
- ◆ State of Florida Approval No: FL 13777
- ◆ ASTM C1167 Grade 1 Roof Tile With Water Absorption Less Than 2%
- ◆ Class A Fire Rated
- ◆ IAPMO UES ER-452
- ◆ Texas Department of Insurance (TDI) Approved

### LUDOWICI WARRANTY

All Ludowici tiles are manufactured in the United States and carry a 75-year warranty against color fading and manufacturing defects. For complete warranty details, please visit [www.ludowici.com/warranty](http://www.ludowici.com/warranty).

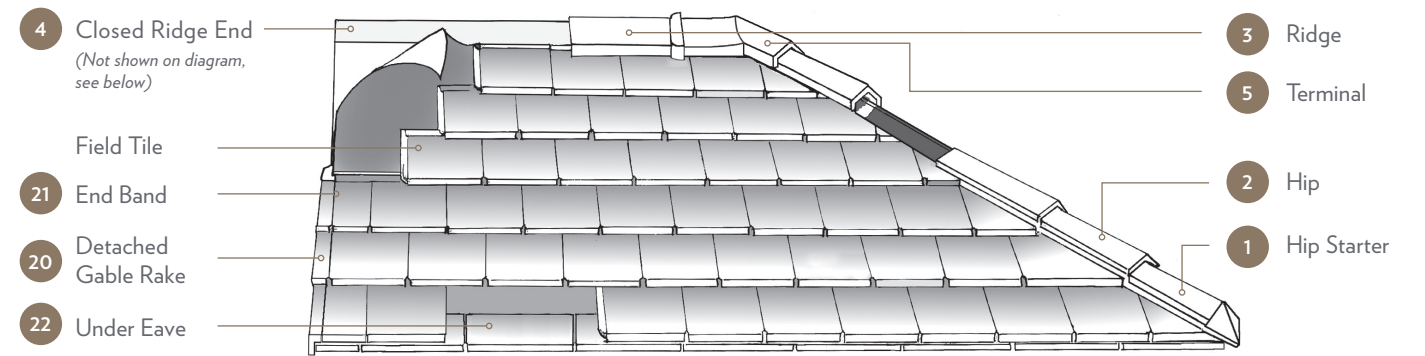


### GREEN ATTRIBUTES

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# LUDOSHAKE INTERLOCKING TILE



Visit [www.ludowici.com](http://www.ludowici.com) to download a detailed product sheet on Hip, Ridge and Decorative Hip Starters.

HIP & RIDGE	1	2	3	4	5	
PROFILE	HIP STARTER	HIP	RIDGE	CLOSED RIDGE END	TERMINAL	
V-Hip & Ridge Trim Group	V-Hip Starter	V-Hip	V-Ridge	V-Closed Ridge End	V-2 Hip 1 Ridge Terminal	
#118/#211 Hip & Ridge Trim Group	#168 Hip Starter	#118 Hip Roll	#211 Ridge	#211 Closed Ridge End	#118/#211 2 Hip 1 Ridge Terminal	
Circular Cover Hip & Ridge Trim Group	CC-Hip Starter	CC-Hip	CC-Ridge	CC-Closed Ridge End	CC-2 Hip 1 Ridge Terminal	CC-Low Bump 2 Hip 1 Ridge Terminal
#102/#206 Hip & Ridge Trim Group	#152 Hip Starter	#102 Hip Roll	#206 Ridge	#206 Closed Ridge End	#102/#206 2 Hip 1 Ridge Terminal	#405 High Bump 2 Hip 1 Ridge Terminal #406 High Bump Gable Terminal

FITTINGS	20	21	22	
PROFILE	DETACHED GABLE RAKE		END BAND	UNDER EAVE
	Left Rake	Right Rake		
Length	16"		16"	12"
Exposure	13"		13"	12"
Weight	2.8 lbs./pc.		5.5 lbs./pc.	2.3 lbs./pc.

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# AMERICANA 14" INTERLOCKING TILE



Americana 14" tile features a lightly pressed bark texture and a gently rounded butt. Reminiscent of weathered wood shake, Americana interlocking tile provides a refined yet rustic look to complement a variety of architectural styles. Americana is also available in a larger 16" profile. Americana interlocking tiles are available in all standard and custom colors, mists and blends offered by Ludowici.

## PHYSICAL CHARACTERISTICS

CHARACTERISTIC	AMERICANA 14" INTERLOCKING TILE	PROFILE
Weight Per Square	800 lbs.	
Pieces Per Square	158 pcs.	
Overall Size	9" x 14" x 7/8"	
Exposure	8 1/4" x 11" x 7/8"	
Minimum Slope	3:12	
Color Blends	Available in all standard and custom colors. For more information about Ludowici's color program, please see the <i>Colors of Ludowici</i> brochure.	
Base Texture	Lightly Pressed Bark Also available in custom textures.* Please see the <i>Terra Cotta Textures</i> brochure for more information.	

## APPROVALS & CERTIFICATIONS

- ◆ Miami-Dade NOA No: 12-0904.14
- ◆ State of Florida Approval No: FL 13777
- ◆ ASTM C1167 Grade 1 Roof Tile With Water Absorption Less Than 2%
- ◆ Class A Fire Rated
- ◆ IAPMO UES ER-452
- ◆ Texas Department of Insurance Approved

## LUDOWICI WARRANTY

All Ludowici tiles are manufactured in the United States and carry a 75-year warranty against color fading and manufacturing defects. For complete warranty details, please visit [www.ludowici.com](http://www.ludowici.com).

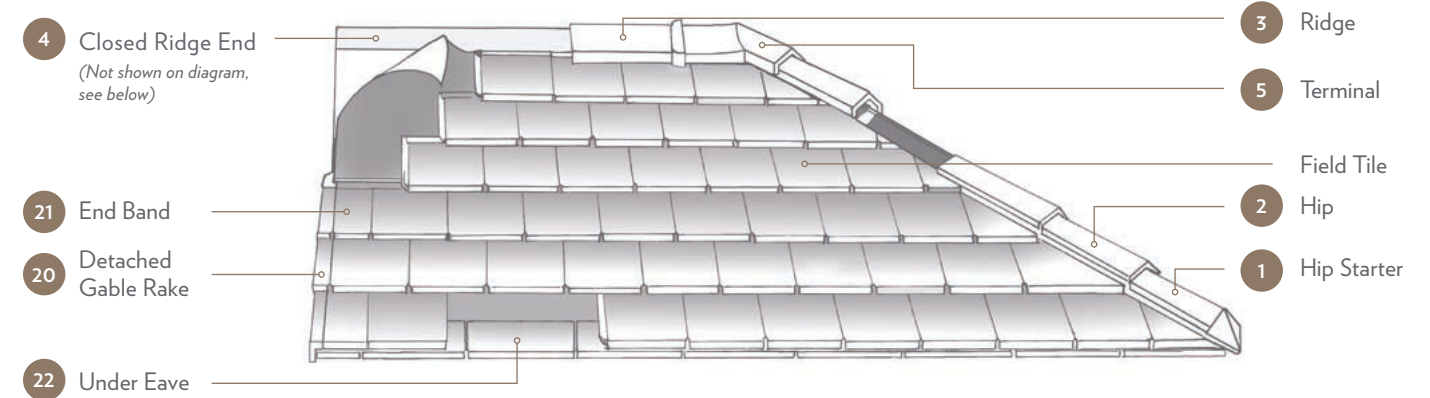


## GREEN ATTRIBUTES

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## AMERICANA 14" INTERLOCKING TILE



HIP & RIDGE Visit [www.ludowici.com](http://www.ludowici.com) to download a detailed product sheet on Hip, Ridge and Decorative Hip Starters.

PROFILE	1 HIP STARTER	2 HIP	3 RIDGE	4 CLOSED RIDGE END	5 TERMINAL	
V-Hip & Ridge Trim Group	V-Hip Starter	V-Hip	V-Ridge	V-Closed Ridge End	V-2 Hip 1 Ridge Terminal	
#118/#211 Hip & Ridge Trim Group	#168 Hip Starter	#118 Hip Roll	#211 Ridge	#211 Closed Ridge End	#118/#211 2 Hip 1 Ridge Terminal	
Circular Cover Hip & Ridge Trim Group	CC-Hip Starter	CC-Hip	CC-Ridge	CC-Closed Ridge End	CC-2 Hip 1 Ridge Terminal	CC-Low Bump 2 Hip 1 Ridge Terminal
#102/#206 Hip & Ridge Trim Group	#152 Hip Starter	#102 Hip Roll	#206 Ridge	#206 Closed Ridge End	#102/#206 2 Hip 1 Ridge Terminal	#405 High Bump 2 Hip 1 Ridge Terminal #406 High Bump Gable Terminal

## FITTINGS

PROFILE	20 DETACHED GABLE RAKE	21 END BAND	22 UNDER EAVE
	<p>Left Rake      Right Rake</p>		
Length	14"	14"	12"
Exposure	11"	11"	12"
Weight	2.0 lbs./pc.	3.3 lbs./pc.	2.3 lbs./pc.

\* Textures available include brushed butt, battered butt and top sand. Similar tile profiles available in additional textures. Photos are for representation purposes only and should not be used for final product selection. Tiles ordered should be chosen from actual samples available at the time of order. Ludowici reserves the right to alter and adjust products, colors and finishes at any time. Please contact a sales representative for more information.



# AMERICANA 16" INTERLOCKING TILE



Americana 16" tile features a lightly pressed bark texture and a gently rounded butt. Reminiscent of weathered wood shake, Americana interlocking tile provides a refined yet rustic look to complement a variety of architectural styles. The larger profile means fewer pieces per square and a more economical installation. Americana is also available in a smaller 14" profile. Americana interlocking tiles are available in all standard and custom colors, mists and blends offered by Ludowici.

## PHYSICAL CHARACTERISTICS

CHARACTERISTIC	AMERICANA 16" INTERLOCKING TILE	PROFILE
Weight Per Square	750 lbs.	
Pieces Per Square	109 pcs.	
Overall Size	10 3/4" x 16" x 7/8"	
Exposure	10 1/8" x 13" x 7/8"	
Minimum Slope	3:12	
Color Blends	Available in all standard and custom colors. For more information about Ludowici's color program, please see the <i>Colors of Ludowici</i> brochure.	
Base Texture	Lightly Pressed Bark Also available in custom textures.* Please see the <i>Terra Cotta Textures</i> brochure for more information.	

## APPROVALS & CERTIFICATIONS

- ◆ Miami-Dade NOA No: 13-0430.08
- ◆ State of Florida Approval No: FL 13777
- ◆ ASTM C1167 Grade 1 Roof Tile With Water Absorption Less Than 2%
- ◆ Class A Fire Rated
- ◆ IAPMO UES ER-452

## LUDOWICI WARRANTY

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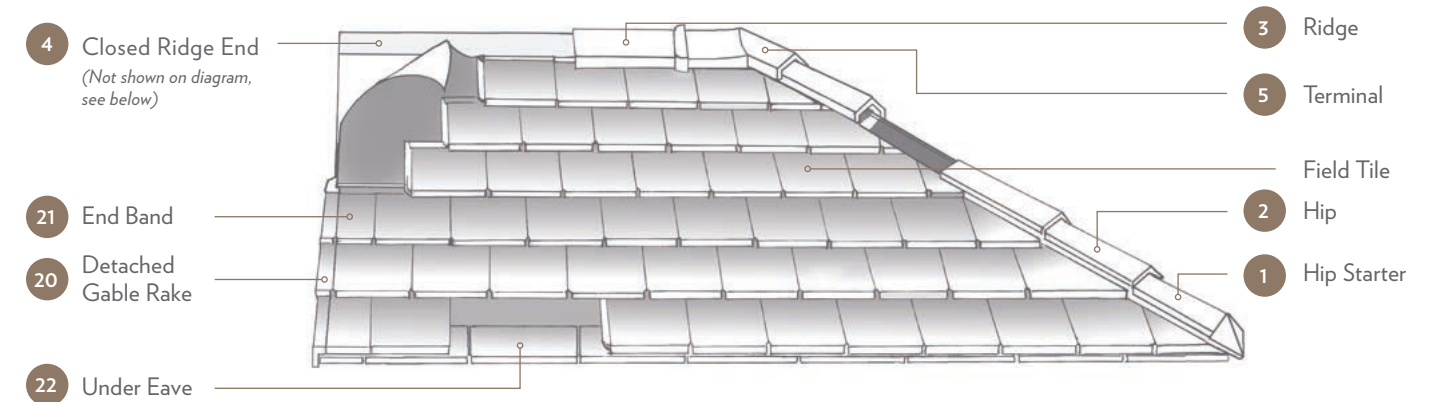
## GREEN ATTRIBUTES

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\* Textures available include brushed butt, battered butt and top sand. Similar tile profiles available in additional textures. Photos are for representation purposes only and should not be used for final product selection. Tiles ordered should be chosen from actual samples available at the time of order. Ludowici reserves the right to alter and adjust products, colors and finishes at any time. Please contact a sales representative for more information.

# AMERICANA 16" INTERLOCKING TILE



HIP & RIDGE							Visit <a href="http://www.ludowici.com">www.ludowici.com</a> to download a detailed product sheet on Hip, Ridge and Decorative Hip Starters.	
PROFILE	1 HIP STARTER	2 HIP	3 RIDGE	4 CLOSED RIDGE END	5 TERMINAL			
V-Hip & Ridge Trim Group	V-Hip Starter	V-Hip	V-Ridge	V-Closed Ridge End	V-2 Hip	1 Ridge Terminal		
#118/#211 Hip & Ridge Trim Group	#168 Hip Starter	#118 Hip Roll	#211 Ridge	#211 Closed Ridge End	#118/#211	2 Hip 1 Ridge Terminal		
Circular Cover Hip & Ridge Trim Group	CC-Hip Starter	CC-Hip	CC-Ridge	CC-Closed Ridge End	CC-2 Hip	1 Ridge Terminal	CC-Low Bump 2 Hip 1 Ridge Terminal	
#102/#206 Hip & Ridge Trim Group	#152 Hip Starter	#102 Hip Roll	#206 Ridge	#206 Closed Ridge End	#102/#206	2 Hip 1 Ridge Terminal	#405 High Bump 2 Hip 1 Ridge Terminal #406 High Bump Gable Terminal	

## FITTINGS

PROFILE	20 DETACHED GABLE RAKE	21 END BAND	22 UNDER EAVE
	 Left Rake	 Right Rake	
Length	16"		12"
Exposure	13"		12"
Weight	2.8 lbs./pc.		2.3 lbs./pc.



# WILLIAMSBURG 14" INTERLOCKING TILE



Ludowici's Williamsburg 14" interlocking tile has a scored sawn wood shake texture and a square butt giving it the same texture and character of wood shakes. Williamsburg 14" terra cotta roof tiles have a permanent non-fading finish and will never rot or curl. And unlike wood, rubber or plastic shakes, Williamsburg tiles are Class A fire resistant, easy to install and maintenance-free. They are ASTM Grade 1 tile and carry Ludowici's 75-year material warranty, so year after year you can enjoy the beauty of a shake-look roof in even the harshest climates. Williamsburg is also available in a larger 16" profile.

## PHYSICAL CHARACTERISTICS

CHARACTERISTIC	WILLIAMSBURG 14" INTERLOCKING TILE	PROFILE
Weight Per Square	800 lbs.	
Pieces Per Square	158 pcs.	
Overall Size	9" x 14" x 7/8"	
Exposure	8 1/4" x 11" x 7/8"	
Minimum Slope	3:12	
Color Blends	Available in all standard and custom colors. For more information about Ludowici's color program, please see the <i>Colors of Ludowici</i> brochure.	
Base Texture	Scratched Also available in custom textures.* Please see the <i>Terra Cotta Textures</i> brochure for more information.	

## APPROVALS & CERTIFICATIONS

- ◆ Miami-Dade NOA No: 12-0904.14
- ◆ State of Florida Approval No: FL 13777
- ◆ ASTM C1167 Grade 1 Roof Tile With Water Absorption Less Than 2%
- ◆ Class A Fire Rated
- ◆ IAPMO UES ER-452

## LUDOWICI WARRANTY

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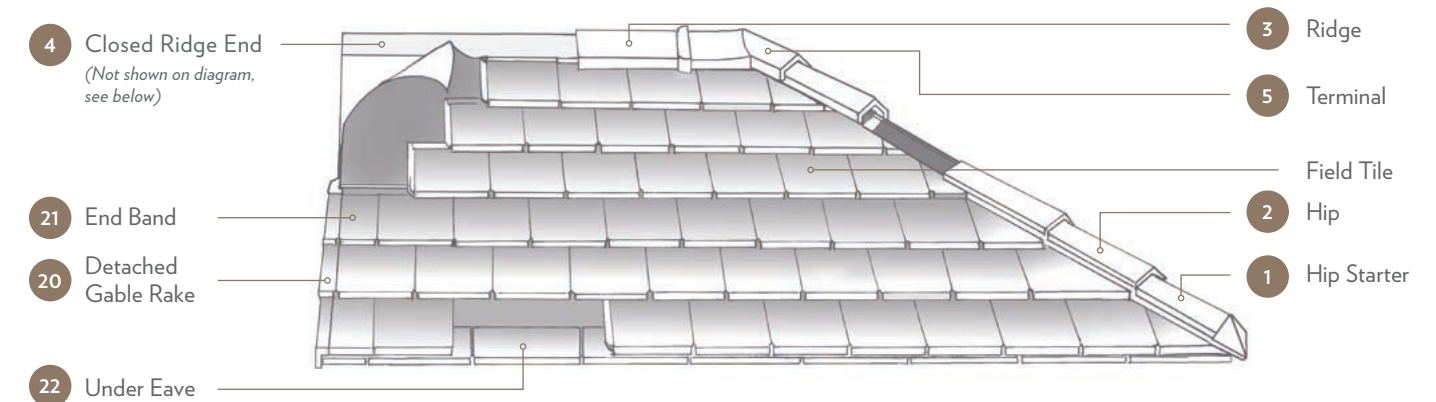


## GREEN ATTRIBUTES

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# WILLIAMSBURG 14" INTERLOCKING TILE



HIP & RIDGE						
	1	2	3	4	5	
PROFILE	HIP STARTER	HIP	RIDGE	CLOSED RIDGE END	TERMINAL	
V-Hip & Ridge Trim Group	V-Hip Starter	V-Hip	V-Ridge	V-Closed Ridge End	V-2 Hip 1 Ridge Terminal	
#118/#211 Hip & Ridge Trim Group	#168 Hip Starter	#118 Hip Roll	#211 Ridge	#211 Closed Ridge End	#118/#211 2 Hip 1 Ridge Terminal	
Circular Cover Hip & Ridge Trim Group	CC-Hip Starter	CC-Hip	CC-Ridge	CC-Closed Ridge End	CC-2 Hip 1 Ridge Terminal	CC-Low Bump 2 Hip 1 Ridge Terminal
#102/#206 Hip & Ridge Trim Group	#152 Hip Starter	#102 Hip Roll	#206 Ridge	#206 Closed Ridge End	#102/#206 2 Hip 1 Ridge Terminal	#405 High Bump 2 Hip 1 Ridge Terminal #406 High Bump Gable Terminal

Visit [www.ludowici.com](http://www.ludowici.com) to download a detailed product sheet on Hip, Ridge and Decorative Hip Starters.

FITTINGS			
	20	21	22
PROFILE	DETACHED GABLE RAKE	END BAND	UNDER EAVE
	<p>Left Rake      Right Rake</p>		
Length	14"	14"	12"
Exposure	11"	11"	12"
Weight	2.0 lbs./pc.	3.3 lbs./pc.	2.3 lbs./pc.

\* Textures available include brushed butt, battered butt, top sand and weathered. Similar tile profiles available in additional textures. Photos are for representation purposes only and should not be used for final product selection. Tiles ordered should be chosen from actual samples available at the time of order. Ludowici reserves the right to alter and adjust products, colors and finishes at any time. Please contact a sales representative for more information.



# WILLIAMSBURG 16" INTERLOCKING TILE



Ludowici's Williamsburg 16" interlocking tile has a scored sawn wood shake texture and a square butt giving it the same texture and character of wood shakes. Williamsburg 16" terra cotta roof tiles have a permanent non-fading finish and will never rot or curl. And unlike wood, rubber or plastic shakes, Williamsburg tiles are Class A fire resistant, easy to install, maintenance-free and have fewer pieces per square than most alternatives. They are Grade 1 ASTM tile and carry Ludowici's 75-year material warranty, so year after year you can enjoy the beauty of a shake-look roof in even the harshest climates. Williamsburg tiles are also available in a smaller 14" profile.

## PHYSICAL CHARACTERISTICS

CHARACTERISTIC	WILLIAMSBURG 16" INTERLOCKING TILE	PROFILE
Weight Per Square	750 lbs.	
Pieces Per Square	109 pcs.	
Overall Size	10 3/4" x 16" x 7/8"	
Exposure	10 1/8" x 13" x 7/8"	
Minimum Slope	3:12	
Color Blends	Available in all standard and custom colors. For more information about Ludowici's color program, please see the <i>Colors of Ludowici</i> brochure.	
Base Texture	Scratched Also available in custom textures.* Please see the <i>Terra Cotta Textures</i> brochure for more information.	

## APPROVALS & CERTIFICATIONS

- ◆ Miami-Dade NOA No: 13-0430.08
- ◆ State of Florida Approval No: FL 13777
- ◆ ASTM C1167 Grade 1 Roof Tile With Water Absorption Less Than 2%
- ◆ Class A Fire Rated
- ◆ IAPMO UES ER-452

## LUDOWICI WARRANTY

All Ludowici tiles are manufactured in the United States and carry a 75-year warranty against color fading and manufacturing defects. For complete warranty details, please visit [www.ludowici.com](http://www.ludowici.com).

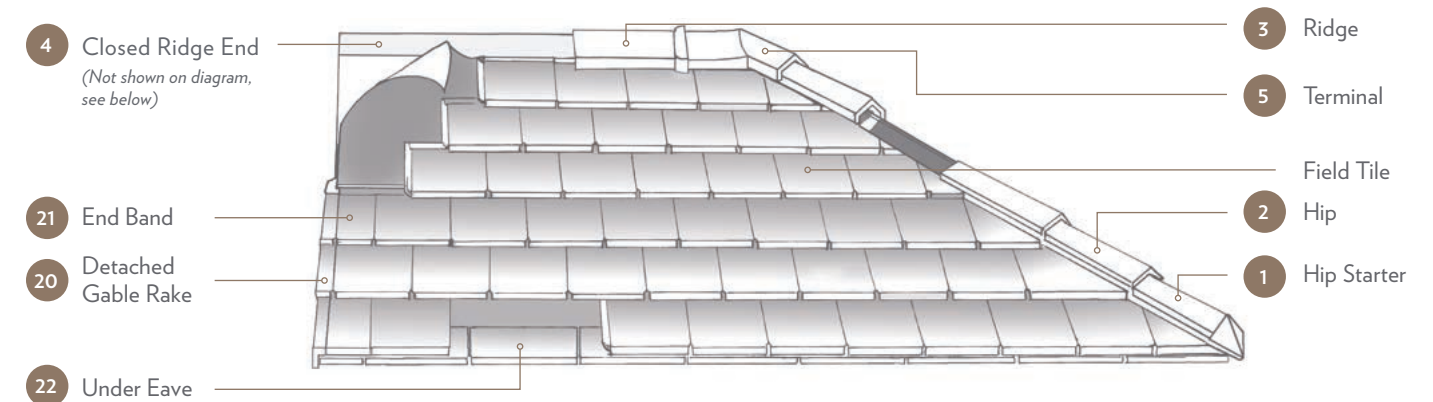


## GREEN ATTRIBUTES

Ludowici terra cotta is an energy-efficient, sustainable choice for your new roof. Visit our website for details.



# WILLIAMSBURG 16" INTERLOCKING TILE



HIP & RIDGE						
Visit <a href="http://www.ludowici.com">www.ludowici.com</a> to download a detailed product sheet on Hip, Ridge and Decorative Hip Starters.						
PROFILE	1 HIP STARTER	2 HIP	3 RIDGE	4 CLOSED RIDGE END	5 TERMINAL	
V-Hip & Ridge Trim Group	V-Hip Starter	V-Hip	V-Ridge	V-Closed Ridge End	V-2 Hip 1 Ridge Terminal	
#118/#211 Hip & Ridge Trim Group	#168 Hip Starter	#118 Hip Roll	#211 Ridge	#211 Closed Ridge End	#118/#211 2 Hip 1 Ridge Terminal	
Circular Cover Hip & Ridge Trim Group	CC-Hip Starter	CC-Hip	CC-Ridge	CC-Closed Ridge End	CC-2 Hip 1 Ridge Terminal	CC-Low Bump 2 Hip 1 Ridge Terminal
#102/#206 Hip & Ridge Trim Group	#152 Hip Starter	#102 Hip Roll	#206 Ridge	#206 Closed Ridge End	#102/#206 2 Hip 1 Ridge Terminal	#405 High Bump 2 Hip 1 Ridge Terminal #406 High Bump Gable Terminal

FITTINGS			
PROFILE	20 DETACHED GABLE RAKE	21 END BAND	22 UNDER EAVE
	 Left Rake	 Right Rake	
Length	16"		12"
Exposure	13"		12"
Weight	2.8 lbs./pc.		2.3 lbs./pc.

\* Textures available include brushed butt, battered butt, top sand and weathered. Similar tile profiles available in additional textures. Photos are for representation purposes only and should not be used for final product selection. Tiles ordered should be chosen from actual samples available at the time of order. Ludowici reserves the right to alter and adjust products, colors and finishes at any time. Please contact a sales representative for more information.



# GEORGIAN SHINGLE TILE



Georgian shingle tile's scored wood sawn finish and square bottom edge evokes the texture and character of hand split wood shakes. Georgian tile has a permanent non-fading finish and it will not rot, warp, curl or burn like wood shakes. In addition to the standard 8" width, widths of 9" and 10" can be mixed for a more random appearance. Georgian shingle tiles are available in all standard and custom matte colors, mists and blends offered by Ludowici.

## PHYSICAL CHARACTERISTICS

CHARACTERISTIC	GEORGIAN SHINGLE TILE	PROFILE
Weight Per Square	1600 lbs.	
Pieces Per Square	276 pcs.	
Overall Size	8" x 15" x 1/2"	
Exposure	8" x 6 1/2"	
Minimum Slope	5:12	
Color Blends	Available in all standard and custom matte colors. For more information about Ludowici's color program, please see the <i>Colors of Ludowici</i> brochure.	
Base Texture	Georgian Scoring Also available in custom textures.* Please see the <i>Terra Cotta Textures</i> brochure for more information.	

## APPROVALS & CERTIFICATIONS

- ◆ Miami-Dade NOA No: 12-0904.14
- ◆ State of Florida Approval No: FL 13777
- ◆ ASTM C1167 Grade 1 Roof Tile With Water Absorption Less Than 2%
- ◆ Class A Fire Rated
- ◆ IAPMO UES ER-452

## LUDOWICI WARRANTY

All Ludowici tiles are manufactured in the United States and carry a 75-year warranty against color fading and manufacturing defects. For complete warranty details, please visit [www.ludowici.com](http://www.ludowici.com).



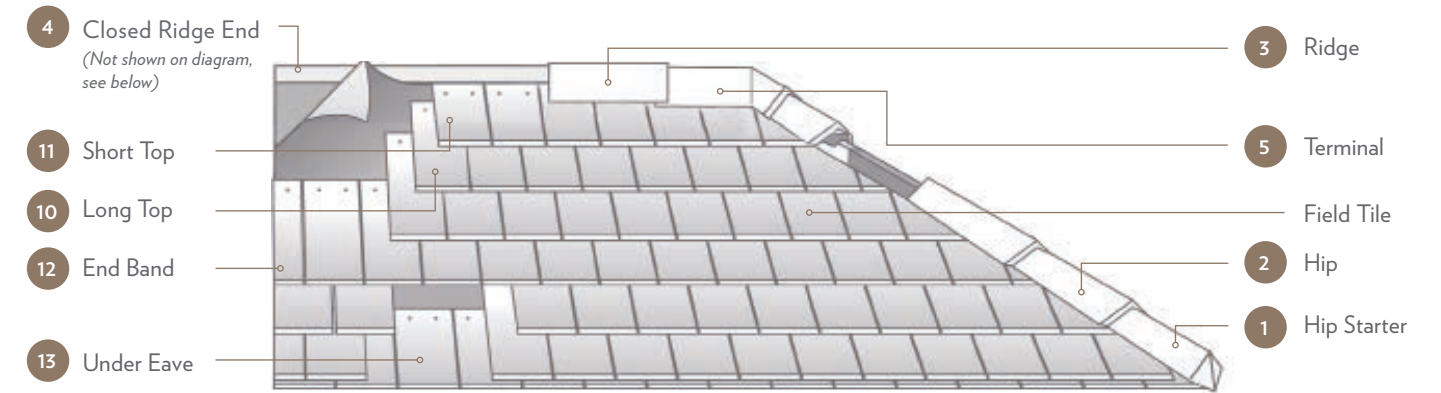
## GREEN ATTRIBUTES

Ludowici terra cotta is an energy-efficient, sustainable choice for your new roof. Visit our website for details.



\* Textures available include brushed butt, battered butt, top sand and other scoring options. Similar tile profiles available in additional textures. Photos are for representation purposes only and should not be used for final product selection. Tiles ordered should be chosen from actual samples available at the time of order. Ludowici reserves the right to alter and adjust products, colors and finishes at any time. Please contact a sales representative for more information.

# GEORGIAN SHINGLE TILE



Visit [www.ludowici.com](http://www.ludowici.com) to download a detailed product sheet on Hip, Ridge and Decorative Hip Starters.

HIP & RIDGE	1	2	3	4	5	
PROFILE	HIP STARTER	HIP	RIDGE	CLOSED RIDGE END	TERMINAL	
V-Hip & Ridge Trim Group	V-Hip Starter	V-Hip	V-Ridge	V-Closed Ridge End	V-2 Hip 1 Ridge Terminal	
#118/#211 Hip & Ridge Trim Group	#168 Hip Starter	#118 Hip Roll	#211 Ridge	#211 Closed Ridge End	#118/#211 2 Hip 1 Ridge Terminal	
Circular Cover Hip & Ridge Trim Group	CC-Hip Starter	CC-Hip	CC-Ridge	CC-Closed Ridge End	CC-2 Hip 1 Ridge Terminal	CC-Low Bump 2 Hip 1 Ridge Terminal
#102/#206 Hip & Ridge Trim Group	#152 Hip Starter	#102 Hip Roll	#206 Ridge	#206 Closed Ridge End	#102/#206 2 Hip 1 Ridge Terminal	#405 High Bump 2 Hip 1 Ridge Terminal #406 High Bump Gable Terminal
Old Style Trim Group	Bonnet Hip Starter*	Bonnet Hip Roll* Aries Hip Plate*	Interlocking Ridge			

\* Roof slope on each intersecting roof plane needs to be identical to use these pieces.

FITTINGS	10	11	12	13	
PROFILE	LONG TOP	SHORT TOP	END BAND	UNDER EAVE	HEADER COURSE
Actual Size	8" x 10 1/2"	8" x 6 1/2"	4" x 15"	8" x 8 1/2"	8" x 15"
Exposure	8" x 6 1/2"	8" x 4 1/2"	4" x 6 1/2"	8"	8" x 12"
Weight	4.2 lbs./pc.	2.6 lbs./pc.	2.9 lbs./pc.	3.4 lbs./pc.	5.8 lbs./pc.



HOW LUDOWICI COMPARES

CRITERIA	LUDOWICI CLAY TILE	WOOD SHAKES
General Attributes	75-year warranty including color; lower water absorption than other materials, highly decorative; Made in the USA	Traditional roofing material; not color-fast; shorter life span than other products; installation can be difficult
Profiles Available	Spanish, Mission, Flat Shingle, Interlocking, Shake Alternative, Slate Alternative, Raised Profile, Lightweight	Shake
Warranty	75-Year, includes color.	Warranty from defects, does not include color
Average Lifespan	75+ years	20-40 years, depending on wood shake quality, proper installation and maintenance
Available Colors	50 standard, plus custom color development	Natural wood tones
Color Fastness	Yes	No
Customizable	Yes	No
Moisture Absorbency	<1% water absorption (ASTM Grade 1)	Depends upon wood type and building location
Mildew/Mold Resistant	Yes	No
Fire Resistant	Yes	No - Fire retardant treatment may be required by code
Walkability	Yes	Yes
Battens Required	No	No
Maintenance	Minimal, periodic cleaning if desired	Annual cleaning
Sealing	No	Periodic preservative treatment may be necessary to slow decay
American Made Product	Yes	Not Always



# THE LUDOWICI DIFFERENCE

### UNMATCHED DURABILITY

Ludowici products last a lifetime in any climate—even in 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, architects and commercial clients have been trusting Ludowici since 1888.

### PERSONAL SERVICE

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



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.