

GLAZED ROOF TILES

LUMiRA®

ILLUMINATE YOUR SPACE – DEFINE YOUR PRESTIGE

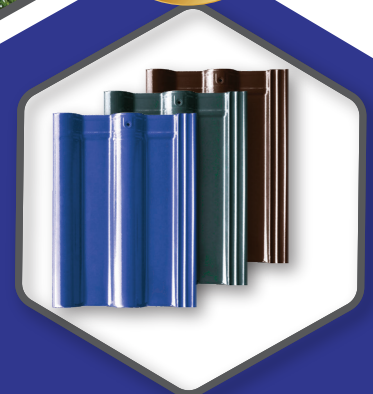


HOANG HA IMPORT - EXPORT JOINT STOCK COMPANY

GLAZED ROOF TILES

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PRODUCT CATALOGUE

? WHY SHOULD WE CHOOSE LUMIRA TILES?

ADVANTAGES

COST SAVINGS IN CONSTRUCTION AND MATERIALS

Lumira roof tiles measure 419mm x 308mm, it use only 9 pieces/sqm. The length of Lumira is 419mm, the distance between battens can be increased, helping save both construction time and costs.

ADVANCED MANUFACTURING TECHNOLOGY

Crafted with Italian precision and Spanish innovation, Lumira tiles represent the pinnacle of modern roofing craftsmanship. Using semi-dry pressing technology, each tile is perfectly molded to exact specifications — ensuring consistent quality, precise dimensions, and long-lasting performance.

COMPLETE ACCESSORY SYSTEM

Lumira offers a full range of compatible accessories — including ridge tiles, verge tiles, and more — all color-matched and glaze-matched to the main roof tiles. Every accessory is made from the same high-grade body and glaze, ensuring seamless beauty and structural harmony across the entire roof.

LUMIRA®

MODERN & SOPHISTICATED DESIGN

Lumira glazed roof tiles are a lightweight and elegant roofing solution, up to 30–35% lighter than conventional clay tiles. Available in a variety of refined colors aligned with feng shui harmony, Lumira roof tiles bring timeless beauty to villas, resorts, hotels..... and contemporary architectural spaces.

ENGINEERED FOR ALL CLIMATES

Designed with a single-screw fastening system for flexible installation and a triple interlocking groove structure, Lumira tiles ensure superior water resistance and rapid drainage even under heavy rain. Their high wave contour enhances ventilation while providing excellent sound and thermal insulation, absolute waterproofing, and durability against extreme weather conditions.

DISTRIBUTION NETWORK

As one of Vietnam's leading suppliers of high-quality roofing materials, Lumira proudly delivers excellence through a nationwide distribution network. We are committed to creating sustainable value and prosperity, accompanying our partners and customers on every step toward success.

COLOR COLLECTION



LU01
STANDARD RED



LU02
NAVY BLUE



LU03
GREY



LU04
COFFEE BROWN



LU05
MOSS GREEN



LU06
COBALT BLUE

ROOF TILE ACCESSORIES



Ridge Tile



End Ridge Tile



Ridge Underlay
Tile



Square Verge Tile



End Verge Tile



Three-Way Ridge
Tile



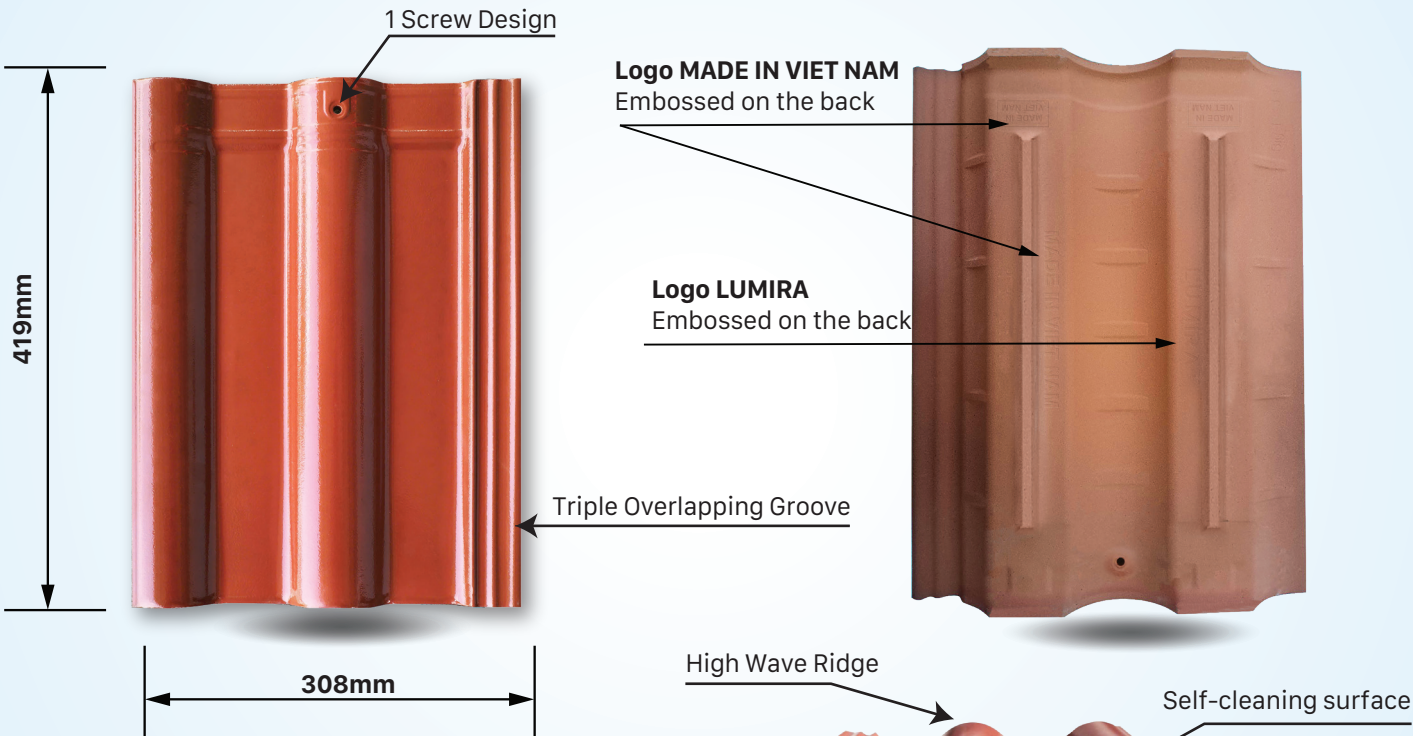
T-Ridge Tile

ACCESSORY COLOR CHART



TECHNICAL SPECIFICATIONS

DIMENSIONS (MM)	WEIGHT (KG)		WAVE HEIGHT (CM)	PIECE/SQM (PCS)	BATTEN SPACING - L1 (MM)	BENDING STRENGTH (N/CM ²)
	KG/PIECE	KG/BOX (8 PCS)				
419x308mm ± 1.5%	3.3 ± 200g	26.5 ± 5%	4.4	9	356 ± 5 mm	≥ 100



Main Tile Installation Guide

- ✓ **STEP 1: DETERMINE THE FIRST BATTEN SPACING**
Define the distance from the ridge purlin according to the following table:

Roof Pitch	35° ÷ 45°	≥ 45°
Distance from ridge batten to first batten	30mm	20mm

- ✓ **STEP 2: DETERMINE THE NEXT BATTEN SPACING**
LUMIRA Tile: 356 mm ± 5 mm (L1)

- ✓ **STEP 3: DETERMINE THE FINAL BATTEN SPACING**

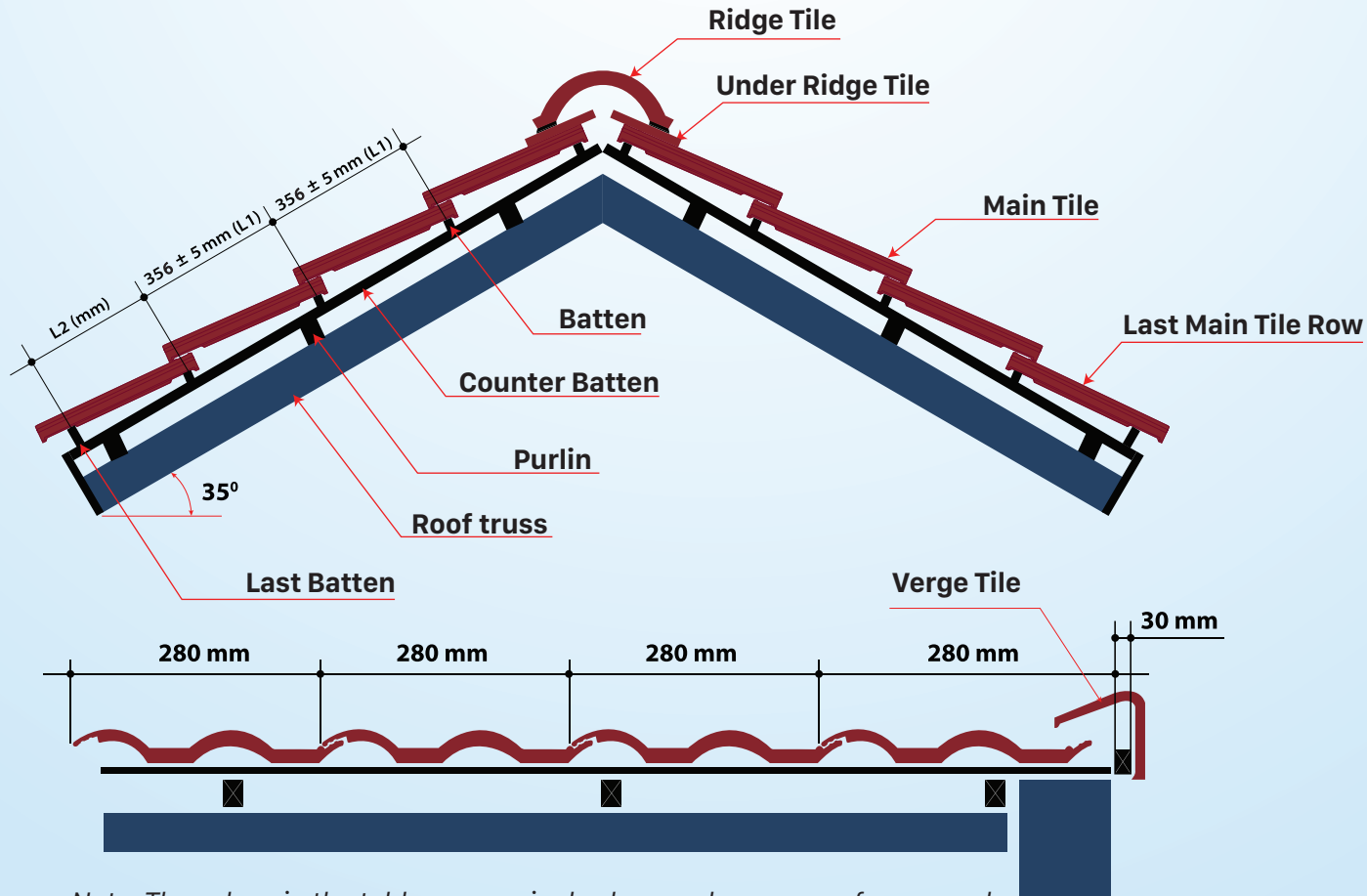
Spacing – L2 (mm)	180	210	240	260	280	300
Batten height (mm)	53	54	55	56	57	58

- ✓ **STEP 4: INSTALL ROOF TILES**

- ▶ Place the first tile on the left side of the BATTEN, then continue laying tiles from left to right, starting from the bottom row of the roof. If verge tiles are used, the first tile of the row must extend 30 mm beyond the outer edge of the verge trim.
- ▶ Fix each tile with screws (50 mm; Ø4mm).
- ▶ Lay tiles from bottom to top.



STEP 1: DETERMINE THE FIRST BATTEN SPACING
Follow the order: from the bottom row upwards and from left to right.



Note: The values in the table are nominal values and serve as reference only, actual data may vary.



WARNING

- ✓ Do not install tiles directly on concrete (including reinforced concrete beams), as the concrete may damage the product.
- ✓ When selecting screws for tile installation, use galvanized or stainless steel self - drilling screws Ø5, length 40–50 mm, with washers. Do not overtighten to avoid cracking the tiles.
- ✓ When choosing battens: ensure the wood is hard, straight, and has moisture content between 25 mm and 40 mm to ensure durability.
- ✓ Use tiles of the same color, size, and batch to ensure product consistency.



NOTE



SAFETY
HARNES REQUIRED



For safety, customers should follow these construction guidelines:

1. Remove obstacles and ensure a safe working environment before moving tiles to the roof.
2. Use safety belts, protective helmets, gloves, and footwear when working at height.
3. Tiles should be lifted onto the roof using pulleys, ropes, or mechanical lifting equipment.
4. Avoid stacking too many tiles in one place to prevent breakage.
5. In dangerous weather conditions, do not continue working. Safety must always come first.

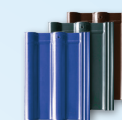


LUMiRA® ROOF TILES

- ✓ *Rich color options, maintaining long-lasting beauty over time.*
- ✓ *Weather-resistant against harsh climates and environmental conditions.*
- ✓ *Highly safe, cost-effective, and economically efficient.*



LUMiRA® ROOF TILES



- ✓ LUMIRA glazed roof tiles are a premium-quality product, manufactured on state-of-the-art Italian production lines using Spanish technology. Produced by semi-dry pressing technology, each tile strictly adheres to Vietnamese standards and precise dimensions.
- ✓ The tiles are coated with a specialized glaze and fired at temperatures between 1110°C and 1180°C.
- ✓ After firing, the body and glaze fuse into a single solid structure, resulting in tiles with:
 - High mechanical strength,
 - Glossy, smooth surface,
 - Self-cleaning properties when exposed to rain,
 - Excellent resistance to moss and fading over time.
- ✓ These tiles offer outstanding sound and thermal insulation, and absolute waterproofing, performing exceptionally well in all weather conditions, including harsh tropical climates.
- ✓ With a lightweight structure, LUMIRA tiles make the overall roof 30–35% lighter than traditional clay tiles, thereby reducing installation costs.
- ✓ Featuring a three-layer interlocking groove design and high-wave profile, the tiles provide excellent water drainage and resistance to rain penetration. The single-screw design ensures secure and flexible installation across different roof structures.
- ✓ Suitable for a wide range of applications, from residential housing to large-scale construction projects.
- ✓ Certificate meets the Vietnamese National Standard – TCVN 9133:2011.

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