

# Gemini

## Porcelain Tile Panels



### Available Colors



**Luce** L2168



**Pelle** L2169



**Cielo** L2170



**Grano** L2156



**Acero** L2158



**Genere** L2171



**Muschio** L2160



**Flora Luce** L2162



**Flora Pelle** L2204

### Features and Benefits

- Laminam, a brand which stands for innovative materials and unique technology, is the leader in large format porcelain tile panel production.
- Revolutionary technology concentrates three square meters into unbelievably thin porcelain: 2+ and 3+ for interior walls and 5.6 for interior floors and interior and exterior walls.
- Versatile and flexible, it is a genuine skin for contemporary architecture, and is ideal in a host of applications.
- Capable of anticipating lifestyle trends, accommodating the needs of design, and participating in the dialog of global architecture, Laminam and Crossville have joined together to bring Laminam® by Crossville® to the U.S. marketplace.
- Large format porcelain tile panels for interior walls and flooring—together, creativity is limitless.

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## Porcelain Tile Panels



### Sizes

1M X 3M

### Sizes & Finishes

#### Field Tile - Rectified

Available in all colors

Nominal (in)	Actual (mm)	Thickness (mm)	Grout Joint (mm)	Finish
1M x 3M	1000 x 3000	2*	2-3mm	Matte

\*2+ panels are 2.1mm thick PLUS 0.5mm fiberglass mesh

Color	Item Codes
	2+ 1M3M
Gemini Luce	L2168.1M3M
Gemini Pelle	L2169.1M3M
Gemini Cielo	L2170.1M3M
Gemini Grano	L2156.1M3M
Gemini Acero	L2158.1M3M
Gemini Cenere	L2171.1M3M
Gemini Muschio	L2160.1M3M
Gemini Flora Luce	L2162.1M3M
Gemini Flora Pelle	L2204.1M3M

### 1 meter x 3 meter panels (1000x3000mm | 39" x 118")

	2+	3+	5.6
Piece	32.29 sq. ft./piece	32.29 sq. ft./piece	32.29 sq. ft./piece
Lbs./piece	38.74 lbs./piece	51.66 lbs./piece	93.96 lbs./piece

Porcelain Tile Panels arrive in oversized crates. A-frames available on request. These A-frames require proper receiving and handling equipment. Check with Crossville customer service for details (931-484-2110). Please refer to the Crossville technical guide online for receiving and handling information at [Crossville.com](http://Crossville.com).

### Introducing twO: The World's Thinnest Revolutionary Surfaces

**twO** embodies creation, lightness, respect, and beauty in perfect harmony with the universe. At just two millimeters thick, it represents a revolution—a gateway to a new reality. This ultra-thin surface bridges the current world and a future full of possibilities.

**twO** captures that elusive quality, an almost intangible essence that transforms ideas, sensations, and emotions. It embodies the lightness of being while promoting sustainability—for nature, the planet, and everyday life. Its forms are beautifully varied, offering something unique for every perspective and touch. twO is a commitment to innovation and beauty. Experience the world's thinnest revolutionary surfaces.



## Applications

Crossville Porcelain Tile Panels are suitable for many indoor applications:

### Building sector

Floor and wall coverings, partition and storage walls, false ceilings, surface finishes and restoration, insulated panels and tunnels.

### Interior design

Surfaces of kitchen and bathroom tops, cupboards, tables, desks, doors and furnishings in general.

### Shipbuilding sector

The lightness and high technical properties of Crossville Porcelain Tile Panels make it suitable for walls of cruise ships and sports crafts.

### Composite and structural panels

The tile panels can be placed on top of each other or over other materials to create extremely light and particularly resistant composite and structural panels suitable in all those cases that require high resistance and reduced weight load on the surface.

## Technical Specificatons

### Crossville Porcelain Tile Panels 2+, 3+ and 5.6mm

Crossville Porcelain Tile Panels are obtained by wet grinding of clayish raw materials, granite and metamorphic feldspar-containing rocks and ceramic pigments. Compacted by a special shaping in compactor and sintering at 1200°C, with hybrid firing.

## Technical Info

### Crossville Porcelain Tile Panels 2+ and 3+

Crossville Porcelain Tile Panels 2+ and 3+ are made up of the basic tile panel with the structure reinforced with fiberglass matting applied on the back using special adhesive.

Thickness: 3mm plus 2+ - 2.1mm plus 5mm fiberglass mesh.

Crossville Porcelain Tile Panels 2+ and 3+

- Interior and exterior wall coverings applied using mortar

### Crossville Porcelain Tile Panels 5.6mm

Crossville Porcelain Tile Panels 5.6mm is made out of the basic tile panel without reinforcing mesh, thickness 5.6mm.

Use of Crossville Porcelain Tile Panels 5.6mm

- Interior floor and interior and exterior wall coverings applied using mortar to above, below, and slab on grade concrete.
- Polished finish requires a penetrating sealer prior to installation

## Distinctive Values

### Main features

Dimensions 1000x3000mm

Perfectly Flat

2+: 38.74 lbs / pc

3+: 52 lbs / pc

5.6: 94 lbs / pc

### Chemical resistance

Porcelain Tile Panels resist organic and inorganic solvents, disinfectants and detergents. They can be easily cleaned without affecting their surface characteristics; the only product that can attack the tile panels is hydrofluoric acid.

### Wear resistance

Porcelain Tile Panels are highly scratch proof and resistant to deep abrasion. The properties of the tile panels remain unchanged even after intensive use and frequent cleaning.

### High flexural strength

Laminam has a high modulus of rupture. 3+ is 90 MOR and 5.6 is 50 MOR which are high values. Typical porcelain value is 35-37.

### Frost resistance

Porcelain Tile Panels average water absorption is 0.1% therefore they are frost resistant and suitable for any weather condition.

### Fire resistant

Porcelain Tile Panels do not contain organic material therefore it is resistant to fire and high temperatures. In the event of fire they do not release smoke or toxic substances.

### Chromatic properties

Porcelain Tile Panels do not contain organic pigments and are resistant to UV rays. Even if subjected to severe climate changes, the colors remain stable.

### Graffiti

Porcelain Tile Panels are a graffiti resistant ceramic surface; they are easy to clean and even the strongest paints can be removed.

## Sustainable

- The use of hybrid kilns that combine gas and electricity significantly reduces CO2 emissions in the atmosphere
- Laminam has led the way to a photovoltaic system being installed on the roofs of its two Fiorano Modenese plants
- Over a year, this photovoltaic system guarantees the production of around 1,050 GWh, thereby enabling the company to produce 10% of its energy requirements
- In terms of CO2 reduction, Laminam's photovoltaic roof system eliminates the release of 525 tons of CO2 into the atmosphere annually
- Member of the Green Building Council Italia, this Italian association of manufacturing leaders strive to transform the building market towards environmental sustainability and to build livable communities. Partners of GBC Italia promote environmental, economic and social responsibility by innovating the way in which buildings are designed, built and used.

Information listed here is subject to change. Please refer to <https://www.crossville.com/Panels> for the latest, most accurate information.