

An Architect’s Guide

TO TRAVERTINE STONE VENEER WALL PANELS

Large-Format Travertine Thin Stone Veneer Panels engineered for architects and designers who demand premium aesthetics with greater installation efficiency.

Our 47" × 94" panels create **seamless**, monolithic wall surfaces with **minimal joints**, delivering the **timeless beauty** of natural travertine while **reducing installation time, labor**, and **structural load.**

Large-Format Architectural Veneer Panels

Non-Structural , Decoartive finish material only. Installed over **code-aproved** exterior wall system with High-Performance polymer-modified, non-sag setting mortar.

PRODUCT SPECIFICATIONS

- **Thickness**: 1/8''
- **Panel Dimensions**: 47''W x 94''L
- **Weight**: 40 lb per Panel
- **Material**: Manufactured Travertine Stone veneer
- **Joint Size**: ⅛ architectural joint recommended
- **Installation Orientation**: Vertical or Horizontal

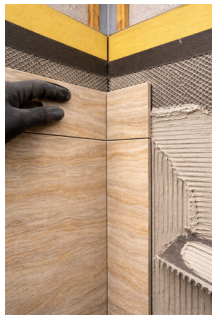
Installation Method: High-Performance polymer-modified, non-sag setting mortar

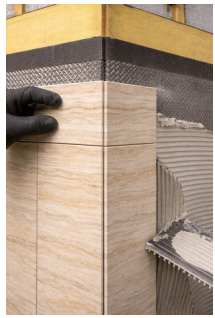
- **System Classification**: Non-structural decorative veneer panel system
- **ASTM Classification**: Class A Fire Rated
- **Finish Application**: Interior & Exterior
- **Cut Tools:** Long Cut Snip, Circular Saw, Track Saw, Laser Cut



Technical Data Available

- Absorption & Density
- Water Tightness
- Flexural Strength
- Flatwise Tensile Bond Strength
- Freeze- Thaw Durability
- Thermal Shock
- Flame spread Index (Class A rating)





Installation

- **Recommended Substrate:** Cement backer board, CMU, wood sheathing , metal, drywall , mansonry and much more
- **Installation Method:** High-Performance polymer-modified, non-sag setting mortar.
- **Installing on Drywall** use High -Strenght Construction Adhesive , Loctite PL Premium , PL Max or SikaBond.
- **Grout Joints:** 1/8-3/4 (as per design preference) Flexible sealant joints.
- **Sealant:** Optional; use breathable stone veneer sealer if required
- **Easily cut to desired dimensions or shapes for design flexibility**
- **Installation – Same installation as Exterior Tiles**

Sustainability and Certifications

- Natural Stone Powder, clay , acrylic and Minerals material components.

ASTM Test Reports : Evaluation Certificate with a trusted **ISO17025** accredited lab .

- ASTM E-84-2024
- ASTM C97/ C121
- ASTM C1185
- ASTM C880
- ASTM C297
- ASTM C666
- ASTM C484
- **Our** company is **fully insured** and ready to meet your project's standards and expectations.

Packaging & Delivery

- **Packaging :** Crated with protective foam/padding in a wooden box.
- **Lead Time:** 3-4 months
- **Minimum Order** : 20 panels and up order required





What is Manufactured Stone Veneer?

Manufactured stone veneer, also is a light-weight building material used as a decorative wall covering for exterior or interior surfaces by mimic the appearance of a natural stone wall surface without the cost and weight of real full-thickness stone .

Travertine thin stone veneer is a durable, lightweight wall panels. Ideal for both interior and exterior applications. It features **Freeze - Thaw Performance , UV stability, Crack Resistance**, and **Class A** fire rating, making it a safe and long-lasting choice for a variety of design projects.

Durability

High-Quality Raw Materials

Our stone veneer is crafted using a proprietary blend of raw natural stone powder , acrylic emulsion , double layer fiberglass mesh and natural minerals (iron oxide) pigments, ensuring structural strength and color longevity. These materials are engineered to resist cracking, chipping, and fading—even in harsh weather conditions.

Engineered for Weather Resistance

Designed to withstand freeze-thaw cycles, UV exposure, and moisture, our veneer is ideal for both indoor and outdoor applications. The surface has low water absorption, reducing the risk of damage from expansion and contraction over time.

Lightweight but Strong

While thinner and lighter than natural stone, our product maintains excellent compressive strength. This makes it easier to install without compromising on structural reliability.

Colorfast & UV-Stable Pigments

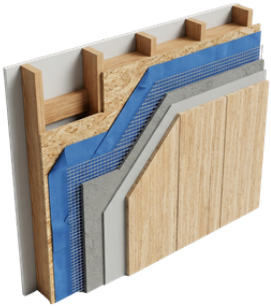
Using natural minerals like Iron Oxide UV-resistant pigments. This ensures long-lasting vibrancy without peeling or slightly fading over time.

Consistent Quality Control

Each piece is produced in controlled conditions to ensure uniform strength, density, and finish—unlike natural stone, which can vary significantly in quality.

Low Maintenance & Long-Term Value

When properly installed and maintained, our travertine stone veneer provides long-lasting performance with minimal routine maintenance, helping preserve its appearance for years to come.



Stone Veneer on Wood Framing

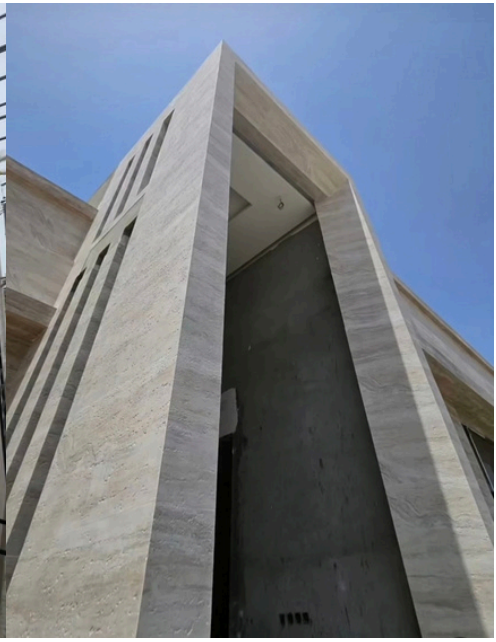
- No ties or footings required
- Adheres to any structurally sound surface
- Simple installation process:
  - WRB
- Lath
- Scratch Coat
- Mortar & Grout
- Light-weight for easier handling
- Creates less waste compared to natural stone



Range of Applications:

- Interior Wall Decoration
- Exterior Facades
- Outdoor living
- Commercial
- Multi-family
- Hospitality industry
- Cultural





Longevity

Superior Durability

• Can endure decades of weathering with little change to colors

Weather Resistant

• Can freeze, thaw, heat up, and cool down without cracking, chipping, or fading.

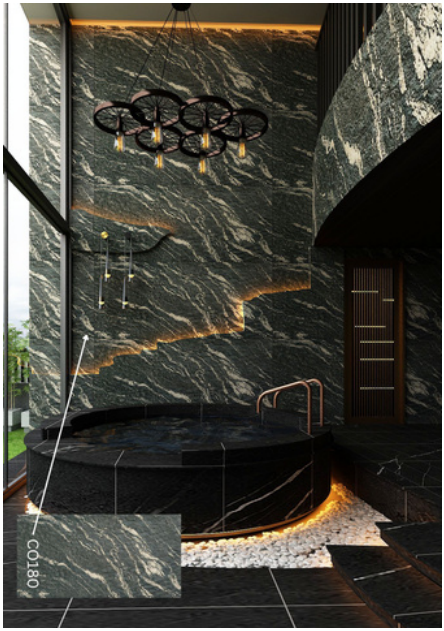
Maintenance Free and Ready to Install

• No painting, coating, or sealing required.

Warranty Backed

• Quality manufactured stone veneer companies provide extensive warranty coverage for 25 years.

Key Advatages



🌿 Eco-Conscious Composition

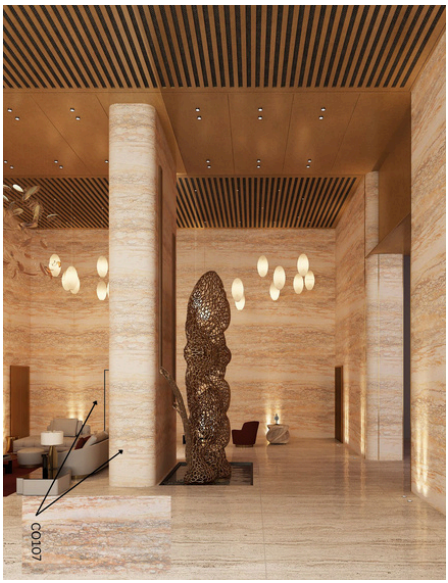
- Made with natural minerals, clay, and inorganic inks
- Uses a water-based acrylic binder, reducing harmful VOCs
- Lightweight design helps lower transportation emissions
-
- Low environmental impact and long product lifespan

🏗️ Ultra-Thin & Lightweight

- Only 1/8" thick – ideal for new construction and retrofits
- Reduces dead load on buildings vs. full-thickness stone
- Easy to cut, shape, and install with minimal tools

❄️ Freeze-Thaw Durable

- Engineered to withstand exterior climate cycles
- Low water absorption minimizes cracking or delamination
- Stable in freeze-thaw conditions — ideal for exterior walls, columns, facades



🔥 Fire & UV Resistant

- UV-stable pigments resist fading over time
- Will not melt or release toxic gases in high-heat environments
- Inorganic components provide natural fire resistance

🧱 Realistic Natural Stone Appearance

- Authentic travertine look and texture
- Made with natural stone powder for true-to-life feel and color depth
- Can be applied over existing surfaces (concrete, wood, drywall, etc.

🎨 Design Flexibility

- Compatible with curved or uneven surfaces due to its flexible backing (fiberglass mesh)
- Available in a range of colors, finishes, and patterns
- Customizable to suit both modern and classic architectural styles

Aesthetic

Travertine Thin Stone Veneer is more than just a surface it's an inspirational design element, born from the fusion of innovative technology and creative vision.

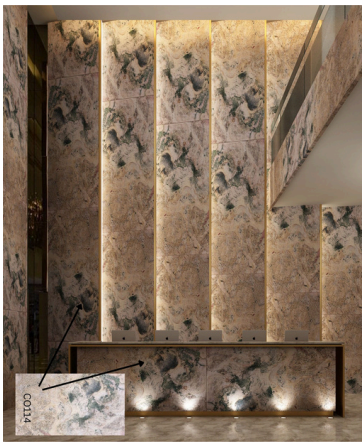
We blend art with science to go beyond what nature offers — replicating the beauty of natural stone while delivering enhanced **color consistency, durability**, and **design flexibility**.

Crafted with architects and designers in mind, it's where timeless material meets modern performance.

Key Aesthetic Qualities

- Mimics the visual depth and organic textures of natural quarried travertine
- Elegant Matte Finish
- Captures the timeless beauty of traditional travertine in a modern, flexible format
- Versatility Application: Can be used vertically or horizontally on any flat surfaces.










TRAVERTINE Stone Veneer

Efflorescence



EliteAzure Travertine Thin Stone Veneer is a **non-porous material** and does not itself produce efflorescence. However, efflorescence may occasionally appear on or around the veneer as a result of moisture migrating through cementitious setting mortar, grout, masonry substrates, or other components of the wall assembly.

As moisture evaporates, dissolved salts from these cementitious materials may be deposited on the surface or along joints as a white, powdery residue.

Efflorescence is generally cosmetic and can often be minimized by properly controlling moisture within the wall assembly. Light deposits should first be allowed to dry and then gently removed with a clean, soft-bristle brush.

Do not use acids, harsh chemicals, abrasive cleaners, or wire brushes on the veneer. If deposits persist, contact EliteAzure for recommended cleaning procedures before applying specialty cleaners.

Protective Treatment

It is not required to seal our manufactured stone veneer. A sealer will provide added protection and will usually be easier to clean if the surface becomes dirty. If you choose to use a sealer for added protection, use only a silane or siloxane-based penetrating, breathable masonry sealer.

Note: A sealer may affect the stone color and may create a gloss or matte finish. Always test a small area beforehand.







Discover Our Travertine Selection

For more information about Travertine Stone Selection visit
www.eliteazure.com

ELITEAZURE LLC
Office: 850-738-9050
Email: info@eliteazure.com







Explore an extensive selection of designs in our full catalog.

https://eliteazure.com/catalogue/



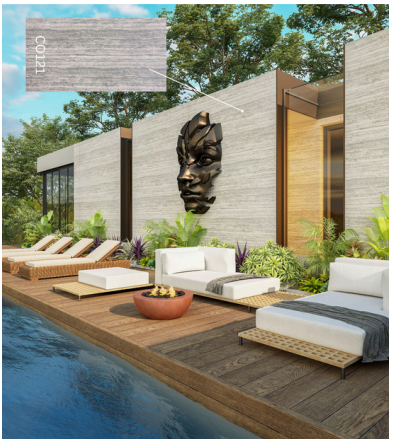





JIE408


GSP10-008


JIE405


CQ1121


GSP10-010


CY1160


JIE402





The Bottom Line

Design Versatility – Supports a wide range of architectural expressions, from clean contemporary surfaces to warm, natural aesthetics, with the flexibility to accommodate flat and curved applications.

Why Architects & Designers Choose Us?

- **Lightweight, Greater Design Freedom** – The character of travertine without the weight of traditional stone. Designed for exterior façades, feature walls and interior applications, with vertical or horizontal installation and reduced wall dead load.
- **Controlled Aesthetic** – Engineered color and veining create a cohesive travertine appearance while maintaining natural-looking variation from panel to panel.
- **Cost-Effective Without Compromise** – Cut material, transport and install costs by up to 50%. Deliver a high-end finish, stay on budget, and impress your clients.
- **Efficient Installation –** Installs using familiar wall-tile setting methods over compatible, code-compliant substrates, helping streamline installation and reduce wall dead load.
- **Eco-Friendly** – Contributes to LEED credits through use of natural components, low to no VOC's water-based acrylics.
- **Build to Last**- Class A Fire Rated/ Freeze-Thaw Resistance/ Flexural Strenght/Thermal Shock/ Tensile Bond Strenght ideal for both Interior and Exterior applications.
- **Durability** - Clay , Stone Powder and double Fiberglass Mesh. The main ingredients offers several advantages as a component of concrete, the first of which being its increased Strength. This is achieved by reducing the permeability of the concrete, making it more Durable and Resistant to weathering, Cracking, and other forms of damages.

Contact us at 1850-738-9050 or info@eliteazure.com to request samples or schedule a quick consultation.