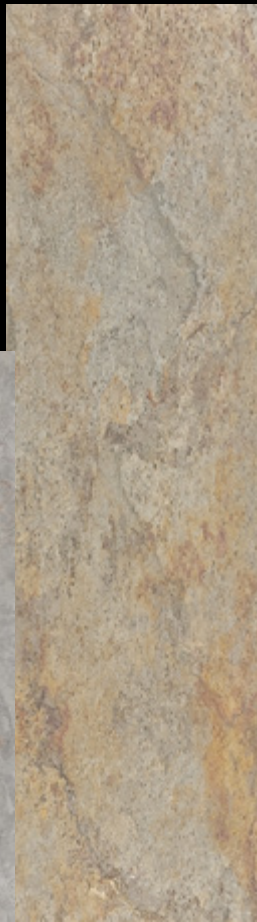
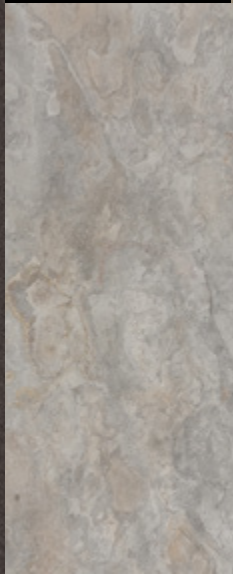


# THIN | SLATE

THE ORIGINAL THIN STONE VENEER



For thousands of years, natural stone has been used in the construction of homes, commercial buildings, landscaping, and in some of the most famous infrastructures built by man, adding elegance unmatched by anything else found in nature. The beauty of natural stone inspires unique designs and innovations, however the uses and applications have been restricted due to the excessive weight.

**THIN SLATE HAS OVERCOME THESE OBSTACLES FACED BY MAN FOR CENTURIES.**

Thin Slate is a revolutionary natural stone veneer developed in Germany, that is less than 2 mm thick, created by splitting some of the most beautiful slate and quartzite slabs from around the world. These thin layers of stone are bonded to a polyester and fiberglass backing to create strong, yet flexible pieces of stone, unlike anything ever created before.

While maintaining the same characteristics of traditional natural stone tiles and slabs, Thin Slate has created an unprecedented number of applications for stone with its light weight, flexibility, durability, and natural beauty.

THIN SLATE  
POWERED BY  
SLATE LITE



**Thin Slate CLASSIC** is a thin sheet ( from 1 - 1 1/2 mm ) composed of real Ardesia or Mica with a backing of polyester resin and fiber glass.

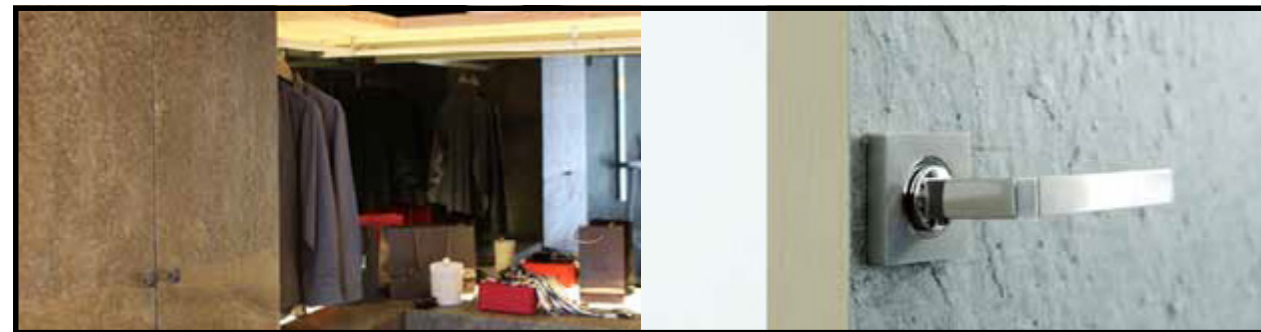
It's weight is approximately 0.5 lbs. per square foot

It's suitable for many uses ; indoor and outdoor, flooring, coating panels, plasterboard, and infinite other applications.



**SPECIFICATIONS**

- 100 % natural stone, fused onto a polyester and fiberglass backing.
- Ultra light weight of less than 0.5 lbs. per square foot
- Thickness range of 1-2 mm
- Flexible nature allows installation of radius applications
- Standard size of 12" x 24" and 24" x 48" sheets
- Stronger than standard slate tiles due to reinforced polyester and fiberglass backing
- Can be directly applied to aluminum, concrete, wood, cement, ceramic tile, stone tile, gypsum, MDF, dry wall, and many other smooth surfaces
- Suitable for freeze/thaw climates
- Waterproof backing



SLATE

ADHESIVE

FIBER GLASS

RESIN

**COMPOSITION**



**APPLICATIONS**

- Indoor, outdoor, floors, and walls
- Boats, RV's, elevators, pools, and spas
- Doors, cabinets, and many other types of furniture
- Indoor and outdoor facades and cladding bathrooms, kitchens and feature walls.



**ADVANTAGES**

- Light weight property allows for easy transportation
- Easy to handle and install with do-it-yourself tools found in most homes
- Can be applied over preexisting surfaces, reducing installation time and cost
- More environmentally friendly than traditional stone tiles due to reduced transportation costs and less waste
- Easy application on corners and radius applications
- Flexibility can be increased by applying heat with hair dryer or heat gun
- Standard stone sealers and enhancers can be applied to the surface



**PACKING ADVANTAGES**

- Single boxes with up to 200 square feet and pallets with 2,100 square feet
- Ability to ship about 90,000 square feet in standard 20' shipping containers.
- Compact packing and light weight allows for easy storage
- Less packing material required reduces cost



**SPECIAL ORDER OPTIONS**

- Peel and stick backing
- Translucent backing
- Fire retardant backing
- Larger size sheets, up to 108" x 36"



Thin Slate has not only revolutionized the way natural stone is manufactured, packaged, and sold, but it has developed the installation process to an easy, do-it-yourself task for the final user. The entire installation process has been transformed from a long process, into a short, cost saving project. The information below is a simple and easy guide to installing Thin Slate.

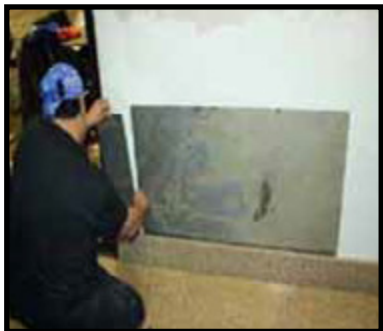
## USES



- Thin Slate can be directly applied to concrete, ceramic, wood, metal, plywood, fiberglass, backer board, tile, dry wall, painted surfaces, MDF, door skins, cabinetry and many other surfaces.
- Thin Slate is suitable for ceilings, walls, and low-traffic floors. This includes, but is not limited to, the interior and exterior of buildings, showers, bar tops, kitchen cabinets, office furniture, boats, elevators, RV's and many more.

- It is important to make sure the surface on which the Thin Slate will be applied has been cleaned of any dirt, dust, grease, or any other substances which may hinder the effectiveness of the adhesive
- Gather together all tools that will be needed during the installation process. These may include measuring tape, a hand roller, paint brush, and scissors, tin snips, or metal sheers for cutting and shaping the Thin Slate.

## ADHESIVES

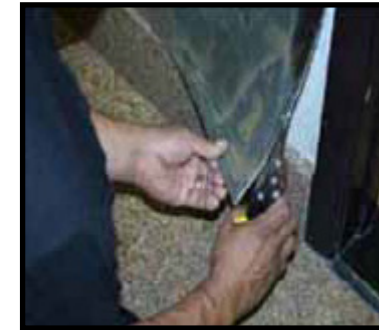


- The recommended and most durable adhesive for installing Thin Slate is any adhesive with a Polyurethane component. This can be found in any hardware store and is primarily packaged in tubes of buckets
- The following adhesives have also been used and shown to be effective: pre-mixed grout and tile adhesive, epoxy, silicone, thick latex or acrylic latex type tile adhesive, or any polyurethane wood glues
- Please note: it is important to check the properties of any adhesive used to be that the conditions that the Thin Slate is installed in are covered under the adhesive's guidelines.

## PREPARATION



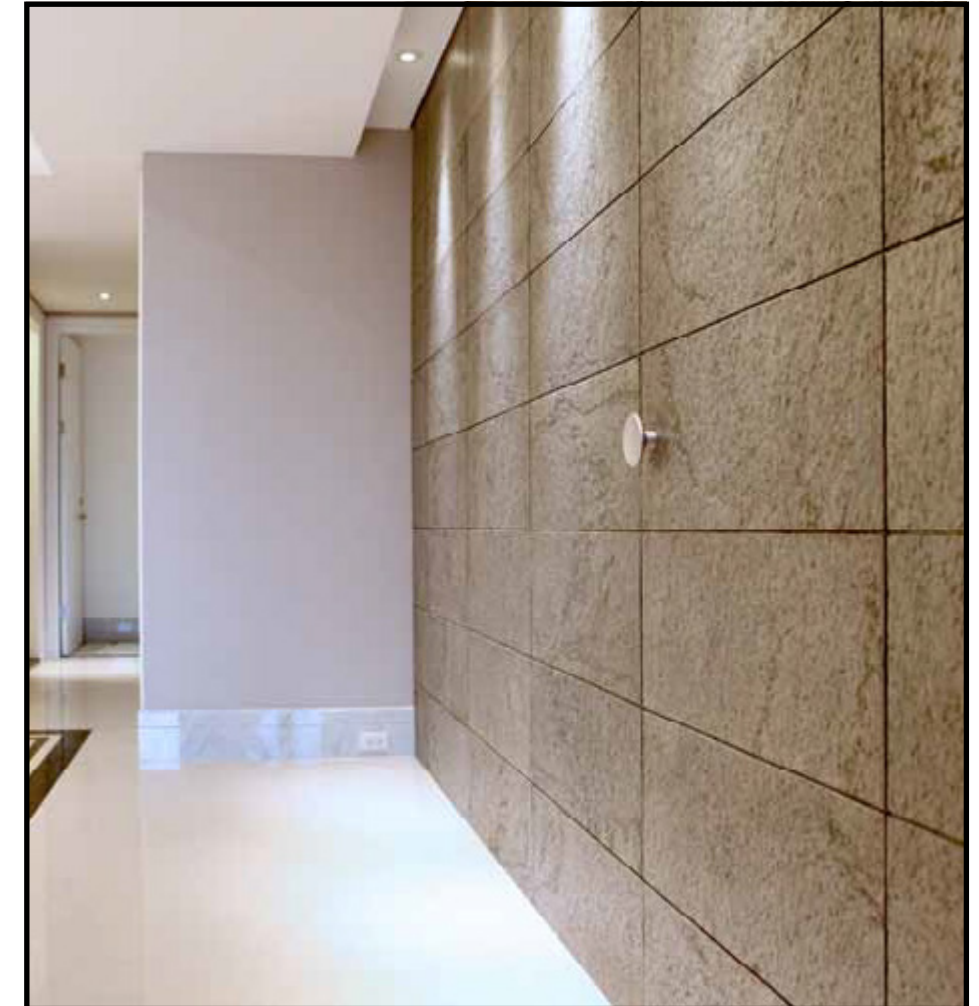
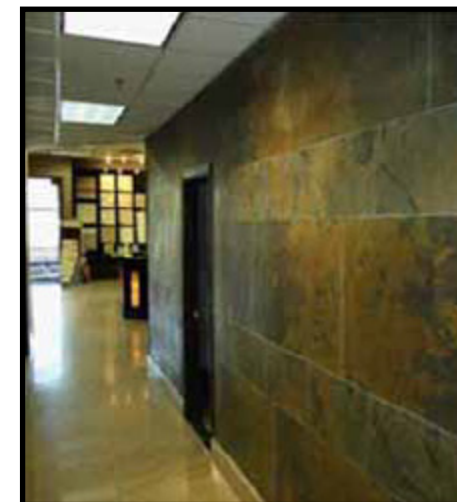
## CUTTING, GROUTING & SEALING















- Thin Slate can be easily cut to any shape or size you may desire with scissors, tin snips, metal sheers, a wet saw, or table saw.
- It has been shown that by applying heat to the back of Thin Slate can allow for a tighter radius to be reached during the installation process.
- When installing Thin Slate, you have the option of using grout joints or butting the pieces against each other.
- Due to the minimal thickness of the product, it is best if a minimal grout joint is used. Tests have shown that the most effective grout used is a water-based epoxy grout.



## FINAL PRODUCT



<b>AUTUMN</b> <i>In Stock</i> Size: 12" x 24" 24" x 48"		
<b>D. BLACK</b> <i>In Stock</i> Size: 12" x 24" 24" x 48"		
<b>GALAXY BLACK</b> <i>In Stock</i> Size: 12" x 24" 24" x 48"		
<b>CALIFORNIA GOLD</b> <i>In Stock</i> Size: 12" x 24" 24" x 48"		
<b>COPPER</b> <i>In Stock</i> Size: 12" x 24" 24" x 48"		
<b>MULTI COLOR</b> <i>In Stock</i> Size: 12" x 24" 24" x 48"		
<b>SILVER SHINE</b> <i>In Stock</i> Size: 12" x 24" 24" x 48"		

<b>AURO</b> <i>Special Order</i> Size: 12" x 24" 24" x 48"			<b>MULTI COLOR GREY</b> <i>Special Order</i> Size: 12" x 24" 24" x 48"
<b>BLACK SLATE</b> <i>Special Order</i> Size: 12" x 24" 24" x 48"			<b>COPPER RED</b> <i>Special Order</i> Size: 12" x 24" 24" x 48"
<b>OSTRICH GREY</b> <i>Special Order</i> Size: 12" x 24" 24" x 48"			<b>SANJAYA WHITE</b> <i>Special Order</i> Size: 12" x 24" 24" x 48"
<b>SEA GREEN</b> <i>Special Order</i> Size: 12" x 24" 24" x 48"			<b>TAN</b> <i>Special Order</i> Size: 12" x 24" 24" x 48"
<b>SILVER SHINE GOLD</b> <i>Special Order</i> Size: 12" x 24" 24" x 48"			<b>TERRA RED</b> <i>Special Order</i> Size: 12" x 24" 24" x 48"
<b>TAJ ROSE</b> <i>Special Order</i> Size: 12" x 24" 24" x 48"			<b>DEOLI GREEN</b> <i>Special Order</i> Size: 12" x 24" 24" x 48"

**Thin Slate** ECO-STONE is an eco-friendly product. This is a very thin layer of 100% real slate with a backing of polyester and cotton. It has increased flexibility with thickness range of a maximum of 1mm. Ideal for sofas, bags, belts, columns, furnishings, doors, and interiors. This is the only real stone in the world that you can adhere like wallpaper.



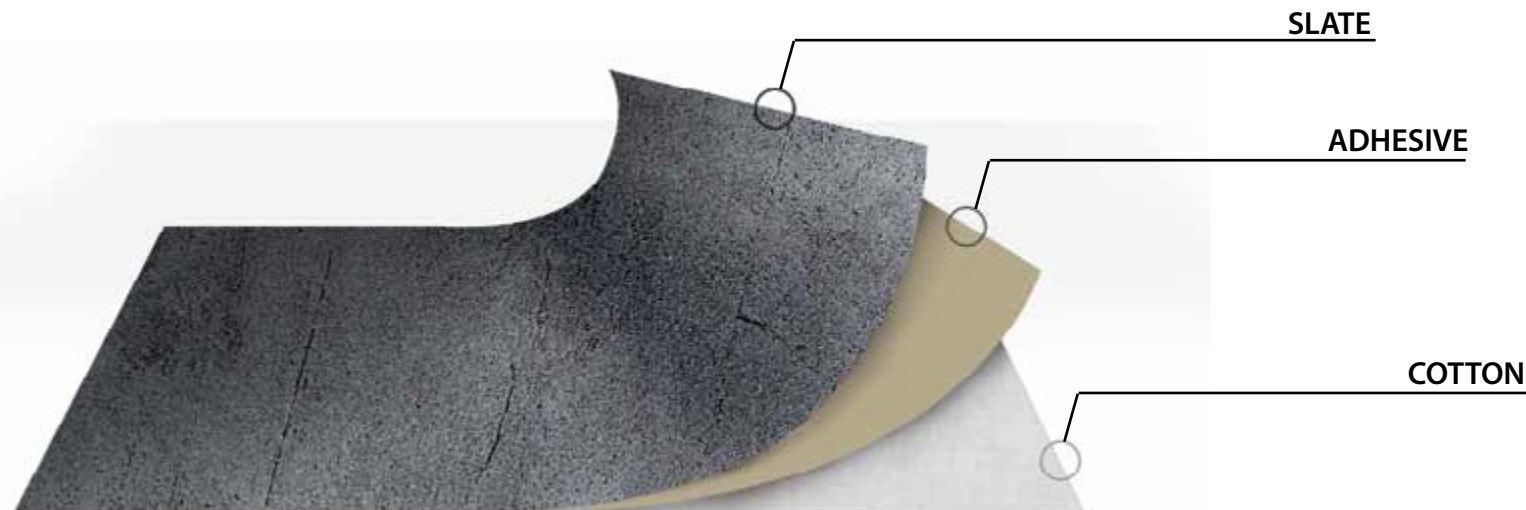
**SPECIFICATIONS**

- 100 % natural stone surface
- Backing: Cotton and a water-based Polymer
- Thickness less than 1mm or 1/25"
- Approximately 600-800 grams per square meter
- Size tolerance 2-3 mm in length and width
- Standard size of 24" x 48"
- Can be applied with almost any adhesive, including wood and wall paper glues
- Can easily be folded around corners during installation
- For industrial application the tolerance may be adjusted

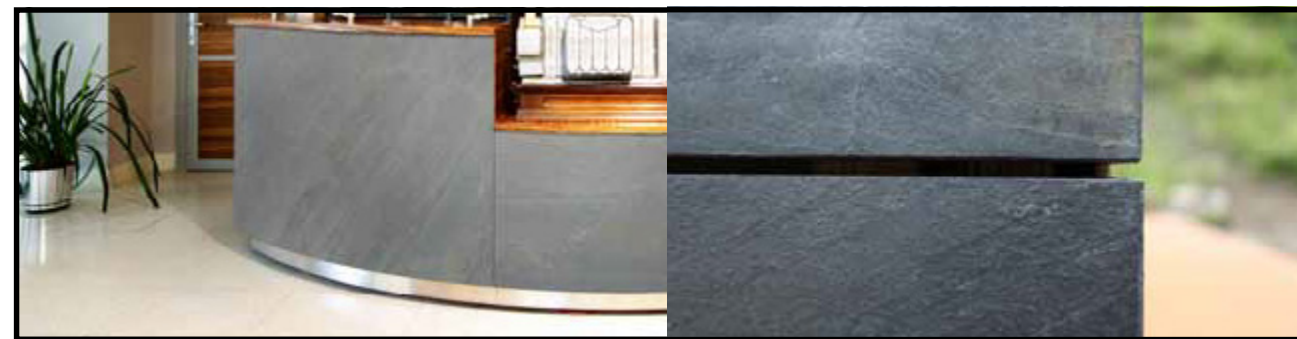
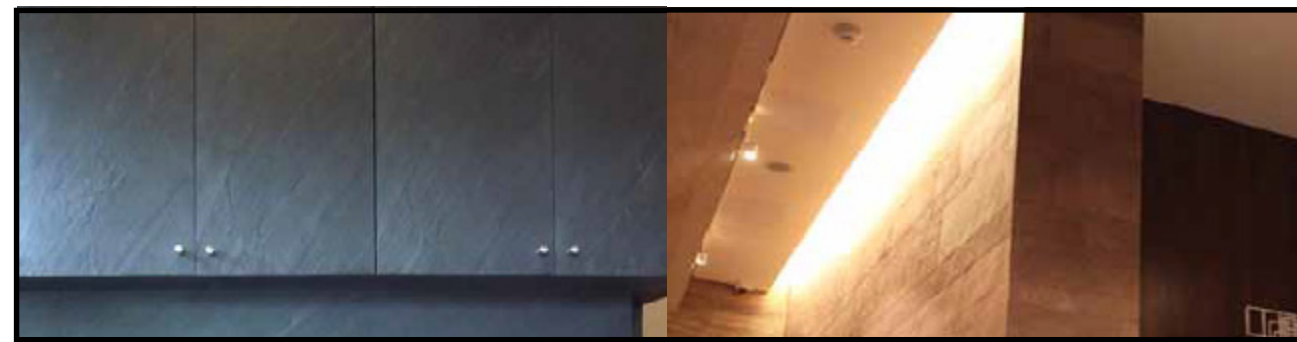


**ADHESIVE**

- Interior walls - Glass Fiber wall paper glue
- Wood - Wood-Adhesive
- Steel, Glass, etc.: Any adhesive which is suitable for the base-material



**COMPOSITION**



**PROTECTION**

- Eco-Stone can be treated and sealed as any other natural stone, by any standard stone sealing product in the industry.
- Recommended that the surface be treated every 2 - 3 years.



**EDIT**

- Cut with a carpet-knife from the rear side
- Increasing the temperature of the material will increase flexibility.
- Grout Joints: Can be filled with Silicone or a high-polmer content grout



**SPECIAL PROPERTIES**

- Abrasive strength through sealing with 2 component PU-Sealer
- Low weight for shipping and transport
- Long-term guarantee for all available stones
- Easy to apply around corners, even at sharp 90 degree angles
- Environmentally friendly production

**ECO|STONE™**  
100% ECO-FRIENDLY

