

PRODUCT INFORMATION/ TECHNICAL DATASHEET

VersaLite Stone® LITE PANELS

Real Stone Overlay (Slate and Quartzite) with Clear Resin Backing

VersaLite Stone® Lite Panels can be backlit for stunning, colorful effects and are engineered with a thin layer of real natural stone laminated to a translucent fiberglass/polyester resin backing. Lightweight and clear backing allows light to pass through for unlimited design possibilities utilizing the texture, natural color and beauty of stone.

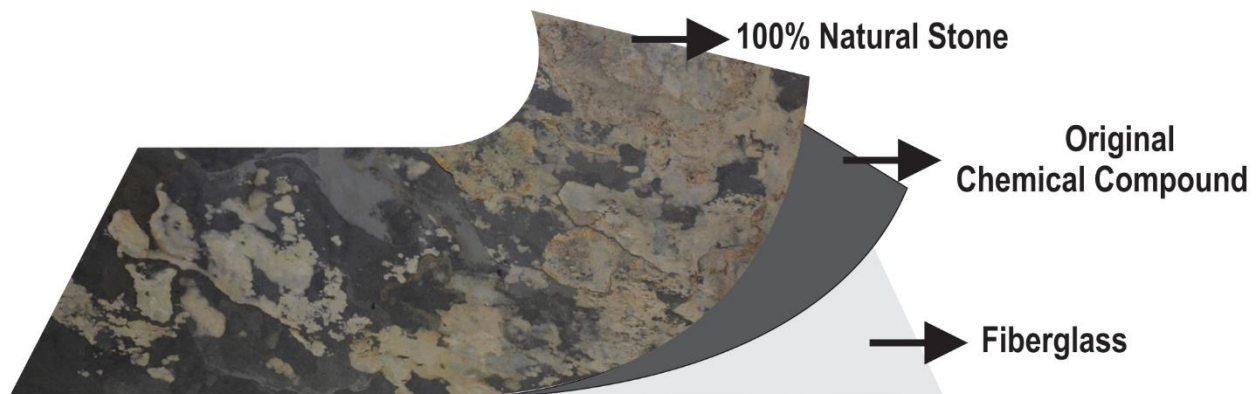
SIZES: Standard size is 24" x 48" (special sizes are also available on request).

THICKNESS:

1.6-2.10mm (depending upon the stone).

WEIGHT:

1900-2400 grams per square meter or .40 - .50 lbs. SF (depending upon the stone).



COMPOSITION:

VersaLite Stone® Lite Panel is natural stone veneer laminated to a fiberglass/polyester resin substrate.

APPLICATION:

Translucent stone panels by **VersaLite Stone® Lite Panels** are suitable for many applications, and backlighting ensures they will be brilliant and radiant focal points regardless of where they are placed on Ceilings, Columns, Walls, Partitions, etc. (Not suitable for floors or heavy use countertops)

TOOLS:

Standard tools required to work with natural stones can be used for application.

SEALING:

Requires sealers for stain and scratch protection. The sealers recommended are listed on this document. It is best to pre-seal VersaLite Stone® Lite sheets prior to installation. This protects and seals the face from scuffing, adhesives and grout during installation and handling.

VARIATIONS:

Since VersaLite Stone® Lite is a natural product *DESIGNED BY NATURE*, color and texture variances are not defects within the material, but are inherent to it and part of the natural beauty of quarried materials. These materials cannot be guaranteed to match dye-lot to dye-lot, so it is recommended that orders take into account future maintenance or re-fit possibilities.

STORAGE:

Translucent sheets should be stored flat in a clean environment.

PRECAUTIONS:

Precautions must be taken when working with VersaLite Stone® Lite due to the fiberglass composition of the backing materials. ALWAYS use the proper gloves, goggles, and dust mask when working with VersaLite Stone® Lite. Industry standards recommend a NIOSH/MSHA approved respirator for this type of material. When using a saw ALWAYS be sure to take proper precautions to cover skin and eyes from fiberglass dust. When cutting VersaLite Stone® Lite with saws, grinders, or sanders, ALWAYS properly filter and exhaust equipment.

AVOID BREATHING SILICA DUST. This product when cut, drilled, or abraded produces dust containing Free Silica which may cause cancer or delayed lung injury (Silicosis) if inhaled. Work outdoors, in a well ventilated area, or use mechanical ventilation. Please wear safety glasses and a dust mask. If working in dusty areas or where airborne dust exceeds PEL wear NIOSH/MSHA approved respirators. This product contains one or more chemicals known to the State of California to cause cancer.

TESTING STANDARDS:

ASTM C-121: Water absorption in unsealed surface +2.50%.

THERMAL EXPANSION:

0.5-0.8mm by temperature variations up to 90° Centigrade.

FORMALDEHYDE:

FREE

FIRST AID MEASURES:

	(Under normal condition)
Inhalation:	no specific measure to be taken
Skin Contact:	no specific measure to be taken
Eye Contact:	no specific measure to be taken
Ingestion:	no specific measure to be taken

MEASURES IN CASE OF FIRE:

Suitable extinguishing media: dry extinguishing media, foam, CO², water spray risk by gas: in case of fire carbon monoxide and carbon dioxide can be produced special protecting equipment: no special measurements necessary.

MEASURES IN CASE OF ACCIDENTAL SPILLAGE:

Not applicable.

EXPOSITION RESTRICTION AND PERSONAL PROTECTING EQUIPMENT:

No specific measures – while processing the material we recommend wearing safety glasses.

TOXICOLOGICAL INFORMATION:

No toxic reaction known under normal conditions.

ECOLOGICAL INFORMATION:

For transportation, storage, normal use, no toxicological effect known.

DISPOSAL CONSIDERATIONS:

Product can be deposited with normal waste according to local restrictions.

TRANSPORTATION:

Sheets are packed into wooden pallet or box and can be transported by LTL, Air or Sea.

Adhesives for Lite panel Installations		
	Glass or Plexiglass	Wood or Metal Frames
Interior	Clear Silicone	Silicone
Sealers for Lite panel Installations		
Solvent Based Sealer for Large Projects		
Premium Water Based Sealer		
Penetrating Sealer No-Gloss		
Cleaners		
Tile & Stone Cleaner, PH Neutral Cleaner Concentrate		