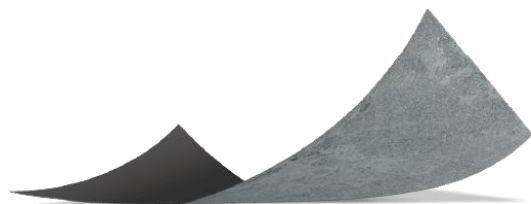


STONOVIA



STONE VENEER DATA SHEET

**REAL STONE SURFACE
ULTRA-THIN & FLEXIBLE
EASY TO INSTALL**



APPLICATIONS

Stonovia Stone Veneer is a natural stone product that can be adhered to a wide range of indoor and outdoor surfaces. Its lightweight and flexible nature makes it ideal for applications such as wall cladding and ceiling installations. While we do not recommend it for flooring use in the North American market, it is an excellent solution for vertical and overhead surfaces that were previously unsuitable for stone due to weight or flaking concerns.

Slate, Marble, Rustic	Interior, exterior, door & cabinets, furniture, kitchens, bathrooms, flooring, signage, wall cladding, trim & backsplashes etc.
Translucent	Interior, doors & cabinets, furniture, kitchens, or any decorative applications requiring translucency.
Fabric Thin Stone	Special applications like stationery, bags, edges of doors & furniture etc. More suitable for indoor applications.
Sandstone	Interior, Door & Cabinets, Furniture, Kitchens, Bathrooms etc.
TYPES OF	FLEXIBLE STONE VENEERS
MANUFACTURER	STONOVIA



Collection	Thickness	Weight	Flexibility	Constituents
Slate	1/8" (3 mm)	0.4-0.5 lbs/sq ft	Slightly flexible	Thin Stone Layer + Polyester Resin + Fiberglass
Marble	3/16" - 5/16" (5 mm - 8 mm)	0.7-0.8 lbs/sq ft		
Sandstone	1/8" (3 mm)	0.6-0.7 lbs/sq ft		
Rustic	1/8" (3 mm)	0.6-0.7 lbs/sq ft		Thin Stone Layer + UV + Resin + Fiberglass
Translucent	1/8" (3 mm)	0.6-0.7 lbs/sq ft		

STANDARD SIZES OF STONOVIA FLEXIBLE STONE VENEERS

- 2' x 4' – 8 sq. ft
- 4' x 8' – 32 sq. ft
- 4' x 10' – 40 sq. ft (Available for selected products only)

Please contact us to confirm availability for specific styles.

COLOR VARIATIONS

Stonovia Flexible Stone Veneer is a Natural Stone Veneer, color & texture variations are the property of the material.

Texture variations with color difference are an inherent part of the natural beauty of quarried material.

Stone Veneer cannot be guaranteed to match with each Lot, it is recommended that material should be accepted in lots of 20, 40, 50 sheets to match. Large orders will be executed in bundles of 25 with 2-3 matching lots in each bundle. Exceptions of large lots are also a possibility.



USES FOR LAMINATION & DIRECT GLUING

Stonovia Flexible Stone Veneer is used for wall panel on MDF, HDF boards applications, furniture, woodworking machines, round column cladding and numerous interior and exterior applications.

It is not recommended for flooring or countertop applications due to the thin soft nature of the Stone Veneer. Stonovia Flexible Stone Veneer can directly be glued to walls and ceilings with the help of epoxy and other PU glues.

SUBSTRATES

Stonovia Stone Veneer can be applied to MDF, HDF boards, Styrofoam sheets, melamine, concrete, brick, concrete blocks & slabs, mortar plastered walls, drywall, plywood, acrylic and other plastic sheets.

LIGHT, HEAT & TEMPERATURE RESISTANCE

Stonovia Flexible Stone Veneer has natural stone surface layer which acts as a UV light or UV rays protector and will resist high sun conditions for years. It will handle both high temperatures and freezing without cracking.

Stonovia Translucent Stone Veneer may be used in illumination applications such as lamp shades or backlight applications as a translucent material or other applications requiring translucency.

TOOLS FOR CUTTING

Diamond blades used for marble & stone cutting can be used for cutting Stonovia Stone Veneer. Metal cutting tools also can be used to cut it. Any standard carbide or diamond saw blades would work just as well.

CURVATURE and BENDING

Stonovia Flexible Stone Veneer can be bent with same flexibility as any plastic sheet product. The backing used gives it enough strength and flexibility. Stone Veneer can be bent in concave & convex forms, or arched or radial forms depending on the nature of the curve. Stone Veneer can be bent or flexed to a radius of 15in along the 4ft length. The 2ft width will also have a slight flex to it, but is not recommended for bending. Due to the nature of the different thickness of the individual items, the degree of radius varies per item. We recommend testing the flex of the considered item prior to final installation.

INSTALLATION

Stonovia Flexible Stone Veneer can be glued to surfaces using most standard laminate adhesives having a thick body or foaming quality. Prior to application of the glue clean, brush and de-grease the receiving surface of dust, oils, or other contaminants. In some installations, and depending upon the adhesive used, it may be necessary to prepare the back of the stone veneer with solvent or recommended primer by the adhesive manufacturer. We recommend making a test area with any adhesive prior to final application.

ADHESIVES

Knowledge of the special adhesives, and the respective surface for which they are recommended, is critical in obtaining superior installation when using Stonovia Flexible Stone veneer. We recommend testing the selected adhesive prior to proceeding with installation. Humidity and temperature of the environment is to be evaluated first. If the application is outdoors, consideration to thermal expansion should be taken into account.

As a veneer, stone is subject to expansion and contraction. This should be accounted for as recommended by the adhesive manufacturer. The installer must test the bond prior to final installation.

Recommended types of adhesives & fillers:

- Polyester-based gap filler putty
- Silicone (with primer only)
- Epoxy
- Polyurethane wood glues
- Thick latex-type adhesive, thin set, etc. (used only where air-drying can take place)
- Construction grade multi-purpose adhesives (e.g., EpoxyElite EVO or PL Premium Polyurethane or similar)

Note: The back of Stone Veneer may require a filler-type adhesive in some cases. Polyurethane wood glues work well for most applications to fill gaps. For wet environments such as showers and bathroom applications, the use of epoxy is best.

TILING

Stonovia Flexible Stone Veneer can be used to create a tiled effect by leaving a grout joint between cut pieces of material. Test results have shown the use of water-based epoxy grouts work well to fill between the cut veneers. By removing the material just under the grout joint, a deeper grout can be achieved if desired. Epoxy grouts are available in many colors to match or coordinate with the different colors of Fabric Thin Stone. On final cleanup of the epoxy with a sponge, the epoxy can also be used to seal and fill the Stone surface. It is recommended in this installation that the entire surface of the Fabric Thin Stone be sealed with epoxy as a final step to ensure complete satisfaction.