

Stone-Veneer® Basics

Within the Stone-Veneer® product line are Four (4) different groups.

1. Stone-Veneer®
2. Quartzite
3. Sandstone, Sahara
4. NanoStone

First Group - Stone-Veneer®

Sizes

The sizes of the stone veneer sheets falls into two (2) categories. Raw and Trimmed.

1. Raw

The Stone-Veneer® is processed from slabs of slate rock. When these slab arrive at our plant they are not perfectly square and the overall dimensions not exact. To use the standard size of 24" x 48" as a guide they are close to 24" (610mm) x 48" (1220mm) plus/minus 0.2" either way. We process the slate slab just as it is and the sheets are the same dimensions as the stone slab. Not square and measure close to 24" x 48" give or take 0.2". Not all *Raw* Stone-Veneer® colors come in sizes larger than 24" x 48". See chart below for the listing of colors and their available sizes.

2. Trimmed

After we have processed the Stone-Veneer® we cut the panels perfectly square and accurately trim it to a consistent size. This works well when the panels are placed side by side and stacked in multiple rows on vertical or overhead surfaces. The standard trimmed size is 23.62" (600mm) x 47.24" (1200mm). Not all *Trimmed* Stone-Veneer® colors come in sizes larger than 23.62" x 47.24". See chart below for the listing of colors and their available sizes.

	Raw Sizes +/- 0.2"				Trimmed Sizes Exact		
	24" x 48" 610mm x 1220mm	24" x 98.4" 610mm x 2500mm	35.4" x 94.5" 900mm x 2400mm	41.3" x 82.7" 1050mm x 2100mm	23.6" x 47.24" 600mm x 1200mm	23.6" x 23.6" 600mm x 600mm	23.6" x 11.8" 600mm x 300mm
Slate							
Autumn	◆	◆		◆	◆	◆	◆
Autumn White	◆				◆	◆	◆
Autumn Rustic	◆				◆	◆	◆
Black Slate	◆	◆			◆	◆	◆
Black Line	◆	◆			◆	◆	◆
Multi Color	◆	◆	◆	◆	◆	◆	◆
Terra Red	◆				◆	◆	◆

Backers

There are three (3) backers for the Stone-Veneer®. Glass Reinforced Polyester (GRP), Fleece and Peel & Stick. All Stone-Veneer® has the GRP backing. This is what bonds the slate together at the time of manufacturing and is critical. We then adhere to the GRP backing either a Fleece or the Peel & Stick. GRP is *standard*. Fleece and Peel & Stick are *options*. The different backers are used for different methods of installations by the end users as listed below.

1. GRP

This is inherent to all Stone-Veneer® and can be used with different adhesive such as: Ceramic tile adhesive; Construction adhesive; Hot melt glue and most polyurethane glues such as Gorilla Glue, Excel One, Titebond Polyurethane Glue to name just a few. Silicon adhesive also works well with the GRP backing. The GRP backing is naturally water proof and can be used for some exterior applications.

2. Fleece

The optional fleece fabric is impregnated into the GRP backing while the Stone-Veneer® is being processed. This insures a good bond. Since the GRP backing is smooth the added fleece backing gives it the texture needed for a good bond with other types of adhesives such as contact cement, standard woodworking glue (white or yellow) and will also work well with all of the adhesives used on the standard GRP backing. The fleece is only recommended for *interior* use and is a favorite among woodworkers and cabinetmakers.

3. Peel & Stick

The optional Peel & Stick backing is applied directly to the GRP backer and is just as the name implies. Peel of the protective paper covering and stick it onto something. It is that simple. When the Peel & Stick backing is ordered with a Trimmed size it can be applied right out of the box. This is perfect for covering large wall areas or even a small area. This is widely used commercially for interior walls, ceilings and architectural accent features. The Peel & Stick is only recommended for *interior* use.

Colors

Stone-Veneer® is available in seven (7) colors:

1. Autumn
2. Autumn White
3. Autumn Rustic
4. Multi Color
5. Terra Red
6. Black Slate
7. Black Line

The different colors are due to the different geographical locations and natural mineral content of the quarries that the slate is mined from. We do not change or alter the coloration in any manner. It is completely natural.

Second Group - Quartzite

Sizes

The same *Raw* and *Trimmed* size categories also apply to Quartzite as they do to the Stone-Veneer®. Below is a chart showing the available sizes of Quartzite.

	Raw Sizes +/- 0.2"				Trimmed Sizes Exact		
	24" x 48" 610mm x 1220mm	24" x 98.4"	35.4" x 94.5"	41.3" x 82.7"	23.6" x 47.24" 600mm x 1200mm	23.6" x 23.6" 600mm x 600mm	23.6" x 11.8" 600mm x 300mm
Quartzite							
Copper	◆				◆	◆	◆
Jeera Green	◆				◆	◆	◆
Ocean Green	◆				◆	◆	◆
Silver Shine	◆				◆	◆	◆

Backers

There are three (3) backers for the Stone-Veneer® Quartzite. They are the same as the regular Stone-Veneer®.

1. Glass Reinforced Polyester (GRP)
2. Fleece
3. Peel & Stick.

Colors

Stone-Veneer® Quartzite is available in four (4) colors:

1. Copper
2. Jeera Green
3. Ocean Green
4. Silver Shine

The different colors are due to the different geographical locations and natural mineral content of the quarries that the quartzite slate is mined from. We do not change or alter the coloration in any manner. It is completely natural and so is the sparkle and shine that the quartz content brings forth.

Third Group - Sandstone

Sandstone is a sedimentary rock consisting of grains of sand that contain mainly quartz. This is mined exclusively in Northern Germany. The sand is bonded vertically onto large sheets of an open weave fiber with thermoplastic binders. The natural color of the sandstone we call Sahara. Sandstone Sahara has white quartz with streaks of light to dark brown. Over 90% is pure quartz. The backing also allows 3-dimensional forming with heat.

Sizes

Since we have a greater control over Sandstone, Sahara we can offer all sizes as shown on the chart below.

	Raw Sizes +/- 0.2"					Trimmed Sizes Exact			
	24" x 48" 610mm x 1220mm	24" x 98.4" 610mm x 2510mm	35.4" x 94.5" 900mm x 2400mm	41.3" x 82.7" 1050mm x 21100mm		23.6" x 47.24" 600mm x 1200mm	23.6" x 23.6" 600mm x 600mm	23.6" x 11.8" 600mm x 300mm	49.2" x 104.3" 1250mm x 2650mm
Sandstone									
Sahara	◆	◆	◆	◆		◆	◆	◆	◆

Additional sizes can be ordered as an option.

Fourth Group - NanoStone

NanoStone is our natural Stone-Veneer® without the GRP backing. Instead it is bound together with a water- jet impregnated and tightened fleece backing. The total thickness is only 0.3mm (0.011") making it extremely flexible and can even be formed to moldings. It is only available in one size, 24" (610mm) x 48" (1220mm). An optional backing is an added natural fiber (100% recycled leather) bringing the thickness up to 0.9mm (.035")

Colors

Stone-Veneer® NanoStone is available in six (6) colors only:

1. Autumn
2. Autumn White
3. Autumn Rustic
4. Multi Color
5. Black Slate
6. Black Line