

# ARIZONA TILE

## STRATA SERIES



Strata Obsidian



Strata Platinum



Strata Titanium



Strata Umber



### PRODUCT TYPE

Glass Tile

5-1/2" x 27-1/8"

MESH SHEET

### COLORS

Strata Obsidian

Strata Platinum

Strata Titanium

Strata Umber

### RECOMMENDED USES

Commercial

Residential

Countertops

Interior Wall

\*Exterior Cladding

Showers

Pool & Spa (submerged)

*\*Painted-back glass should not be installed in applications where it is exposed to extreme heat. This includes interior walls behind industrial stove tops, or outdoor, direct sunlight applications. Outdoor installations, not in direct sunlight as well as applications at the waterline of a pool where the tile is partially submerged in water, are acceptable. Extreme heat exposure will cause discoloration of the tile and potential sheering of the bond between the tile and paint, due to expansion/contraction.*

The Strata glass line is made from 8mm high quality, heavy duty, construction-grade glass, which is usually used for commercial windows in high-rise office buildings and hotels.

The first step in the process to make Strata is the coloring of the glass. The coloring is made up of color pigments which are applied on one side of the glass sheets using a hand-painting process that applies an evenly distributed layer across the entire surface. After completely air-drying, the larger sheets are then cut to their final size. Those pieces are then transferred to the appropriately sized kiln plates and fired at 1,472-1,580°F. The time for firing varies from 30-60 minutes, depending on the size and thickness of the glass. The firing process performs two tasks: it bonds the color to the glass chemically with the heat, which makes it fade-proof, and it also softens the cut edges of the tile to give you that pillowed effect atop each tile. After firing, the tiles are placed top-down in trays and then a special glue is applied with silk-made mesh that is cut to the size of the tray. It then goes through a drying machine and on to the quality control process before being boxed and palletized.

When installing Strata, you need to use a latex-modified white thinset that meets the standards for glass installations. Due to the transparent and/or light translucent nature of this product, visible effects may occur behind the glass. This is not considered a manufacturing problem or defect with the glass tile. To minimize the occurrence of these visible effects behind the glass, it is recommended to flatten the peaks of the thinset by using the smooth side of the trowel prior to installing the glass. When cutting the glass, the installer can use standard glass cutters that are commonly used in glass installations, or if they are using a standard tile cutting wet saw, they need to use a special glass blade that is available from several blade manufacturers. One example is the Alpha WG1000 Blade. If they don't use either of these methods, chipping on both the front and the back of the glass can occur and will affect the final appearance of the product. After properly using the aforementioned cutting techniques, there will be some sharp edges at the cut areas. These edges can be softened by lightly sanding the edges or by using a high quality rubbing stone. After installation, grout with any sanded grout using the manufacturer's recommendations. When grouting, it is important to pack the grout joints to avoid seeing the mesh on the back of the sheet. After cleanup, your Strata installation is ready to enjoy!

Strata glass tiles are frost-proof and acid resistant. They can be installed in any swimming pool, commercial, or residential application. Each installation situation should be carefully thought out for proper usage prior to the material being purchased.

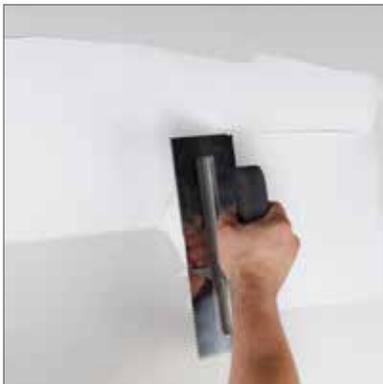
SIZE	CONVERSION/PC.	PIECES/BOX	SF/BOX	BOXES/PALLET	SF/PALLET
5 1/2" x 27 1/8"	.90714	14	12.70	32	406.42

Please view actual material when making your selection, as the images on this page are only representative.

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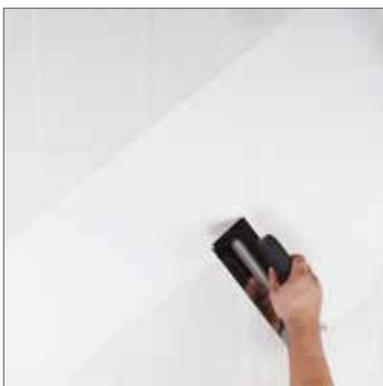
## **STEP 1**

Using the flat side of a trowel, firmly apply latex modified white thinset (that meets standards for glass tile installations) onto the substrate.



## **STEP 2**

With additional setting material, using a notch trowel, comb full notches horizontally to establish the proper depth of the setting bed.



## **STEP 3**

Flatten the peaks of the thinset by using the smooth side of the trowel prior to installing the glass. This will help to minimize the occurrence of visible effects behind the glass.



## **STEP 4**

Apply the tile into the setting bed, using light, even pressure to establish contact and eliminate any voids. It is recommended to allow for a 2mm grout joint between sheets as this is the spacing between the tiles. It is also suggested to place the sheets in a random offset pattern to avoid a visible grout joint.

*Product shown is a glass tile representation only and is not part of the Strata Series.*



## **STEP 5**

Using a float, gently push the tile into the setting bed, to create a uniform and flat surface. Allow the setting material to cure for approximately 24-48 hours before applying grout.



## **STEP 6**

Apply sanded grout with a rubber float. Make sure the grout joints are completely full, and free of voids and pits. It is important to pack the grout joints to avoid seeing the mesh on the back of the sheet.



## **STEP 7**

Use a damp sponge to remove the excess grout and clean the tile, resulting in a final, beautiful installation.