## ARIZONA TILE

### **DUNES SERIES**



Dunes Platinum Arabesque



**Dunes Denim Flat** 



Dunes Ivory Flat



Dunes Pewter Flat



**Dunes Platinum Flat** 



Dunes Sand Flat

#### PRODUCT TYPE

Glass

#### STOCKED COLORS

Dunes Denim
Dunes Ivory
Dunes Pearl
Dunes Pewter
Dunes Platinum
Dunes Sand

#### STOCKED SIZES

\*Not all colors available

\*3 × 12 Flat
\*3 × 12 Wave
2 × 6 Stagger Joint
1-1/2 × 6 Straight Stack
Arabesque Mosaic

#### STOCKED TRIM

\*1/2 x 6 Pencil Liner

#### **RECOMMENDED USES**

Commercial
Residential
Interior Wall
\*\*Exterior Cladding
Shower Walls
Steam 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 Dunes glass line is produced from 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 Dunes is the coloring of the glass. The coloring consists of color pigments mixed with metal oxides that are applied on one side of the glass sheets using a screening 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, 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 mesh that is cut to the size of the tray (approximately  $12 \times 12$ ). It then goes through a drying machine and on to the quality control process before being boxed and palletized.

When installing Dunes, you need to use a latex-modified white thinset that meets the standards for glass installations. 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. 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. After cleanup, your Dunes installation is ready to enjoy!

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 and make sure grout is packed in the joints. Dunes 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 use prior to the material being purchased.

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