

ARIZONA TILE

4"x12"
available in Glossy & Matte



Islandia Aruba Glossy



Islandia Barbados Glossy



Islandia Caicos Glossy



Islandia Hawaii Glossy



Islandia Lanai Glossy



Islandia Naxos Glossy



Islandia Ponza Glossy



Islandia Tinos Glossy

ISLANDIA SERIES

PRODUCT TYPE

Glass Tile

COLORS

Islandia Aruba
Islandia Barbados
Islandia Caicos
Islandia Hawaii
Islandia Lanai
Islandia Naxos
Islandia Ponza
Islandia Tinos

STOCKED SIZES

4"x12" Glossy
4"x12" Matte
4"x3" Mesh (Glossy)
Chevron Mesh
(mix of Glossy & Matte)

STOCKED TRIM

3/8"x12" Pen Liner Glossy
3/8"x12" Pen Liner Matte

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 Islandia 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 of making glass tile is cutting down large sheets of glass into a 24"x24" size. Tiles are cut on a table, using a large, multiple blade, automatic glass cutting machine, and some lubricating oils are used to help score the glass tile and snap it into a 24"x24" size. From the 24"x24" size, tiles are then cut into a specific, field tile size. Once field tile sizes are cut, glass tiles are run through the kiln to soften the edges and give a pillowed effect atop each tile. From there, the raw, glass, field tiles, are run through a vat of special set-temperature water to take off any oils or residue from the surface of the tile. This "cleaning step" after firing the glass is unique and essential because it ensures a pure and clean base for the process.

Next comes 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 screening process that applies an evenly distributed layer across the entire surface. What makes Islandia Glass different from some other painted-back, glass tile, is Islandia Glass has 6 coats of the colored pigment versus 2-3 coats of pigments in other glass tile. Having these extra coats of pigment, the tiles are less apt to chip through the paint from the back, therefore creating a more durable material. Additionally, the 4x12, loose field tile is also mesh backed, to help in bonding thinset to substrate.

These 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 bonds the color to the glass chemically with the heat, which makes it fade-proof. For glass tiles that are mesh mounted: after firing, the tiles are placed top-down in trays and then a special glue is applied with fiber or nylon mesh that is cut to the size of the tray (approximately 12"x12").

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It then goes through a drying machine and on to the quality control process before being boxed and palletized.

When installing Islandia, it requires specific bonding strength to adhere to the substrate. Arizona Tile recommends only Laticrete 254 Platinum White Thin Set which meets the standards for glass installation. 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 factory recommends cutting it with the painted side up and placing masking or blue tape where the tile will be cut, prior to cutting. This will help to prevent the paint from being chipped during the cutting process. Additionally, the tile should be cut at a slow pace. This will help to make sure the cut is smooth and the paint does not chip. The installer should use a wet saw when cutting, and a glass blade, which is available from several blade manufacturers. One example is the Alpha WG1000 Blade. If they do not, 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 Islandia installation is ready to enjoy!



Islandia Barbados

SIZE	SHEET SIZE	SF/PC	PIECES/BOX	SF/BOX	BOXES/PALLET	SF/PALLET
4"x12" Glossy & Matte	N/A	0.3229	30	9.6870	54	523.0980
4"x3" Mesh	12.0472" x 11.9685"	1.001	10 Sheets	N/A	54	540 Sheets
Chevron Mesh	7.99213" x 8.66142"	0.4807	14 Sheets	N/A	84	1,176 Sheets
3/8"x12" Pen Liner Glossy & Matte	N/A	N/A	80 Pieces	N/A	112	8,960 Pieces

ISLANDIA SERIES

Chevron Mesh
mix of Glossy & Matte, available in all colors



Islandia Aruba



Islandia Barbados



Islandia Caicos



Islandia Hawaii



Islandia Lanai



Islandia Naxos



Islandia Ponza



Islandia Tinos

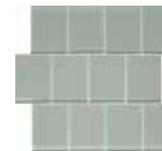
4"x3" Mesh
Glossy, available in all colors



Islandia Aruba



Islandia Barbados



Islandia Caicos



Islandia Hawaii



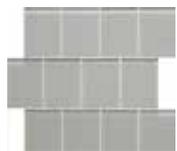
Islandia Lanai



Islandia Naxos



Islandia Ponza



Islandia Tinos

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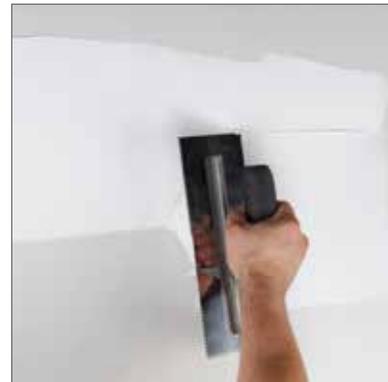
ISLANDIA SERIES

**STEP 1**

When cutting the glass, the factory recommends cutting it with the painted side up and placing masking or blue tape where the tile will be cut, prior to cutting. This will help to prevent the paint from being chipped during the cutting process.

**STEP 2**

When cutting the tile, place it with the glass side down and the paint side up, then cut at a slow pace. This will help to make sure the cut is smooth and the paint does not chip. To smooth the edge of the tile where it was cut, lightly sand it with a high quality rubbing stone.

**STEP 3**

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

**STEP 4**

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

**STEP 5**

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 6**

Apply the tile into the setting bed, using light, even pressure to establish contact and eliminate any voids.

**STEP 7**

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 8**

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 9**

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