Avoiding Glass Shadowing when installing Island Stone Glass.

Island Stone glass tiles are manufactured to insure a premium quality look that will not deteriorate over time. To achieve this unparalleled quality, we use a multi layer construction that has the color applied to the back of the glass to protect the color of the tile from being effected should the surface get scratched. The diagram shows a side crosscut of our glass to clarify the construction.

In many cases, our glass is used on surfaces that have joints or panels such as outlet covers. In all cases the hard rule is **never install any material to overlap or cover the glass**. Overlapping the surface of the glass creates a dark area that absorbs light from the edges creating a shadow that extends beyond the edge of the product overlaying the glass.
Below is a classic example of the right and wrong way to install Island Stone glass using a common circumstance of tiling around an outlet.

**Wrong Installation Technique.**

In this case, the installer has cut the glass tile to closely fit around the plug. Image 2 shows how far the outlet cover will cover the edge of the glass

![Image 1](image1.png) ![Image 2](image2.png) ![Image 3](image3.png)

Image 3 shows how the shadowing caused from the light getting absorbed create an undesirable dark area around the edge of the cover

**Correct Installation Technique**

Option 2. Prior to installing, the installer has cut the tile so that the opening around the outlet is just slight smaller than the actual cover. When installing the installer has insured that the cut edges are grouted (you can also paint the surface with a white opaque paint prior to installing) to refract light from the edge of the tile.

Notice there is far less shadowing occurring around edge.
Correcting issue after installation

While not recommended, there are ways to resolve the shadowing issue after the tile has been installed. This includes removing and replacing all pieces affected, or cutting pieces to edge of cover. Below outlines once approach to cutting the tile to solve the shadowing issue.

Tool used: Dremel with Diamond Blade

While cutting a spray bottle was used to keep the tile wet. Use all recommended safety equipment including eye protection when cutting tile. Make sure outlet is not active and cover surrounding are to avoid wetting areas around tile

*Cut slowly and make sure to cut through tile completely before removing cut piece to avoid chipping tile.

Image 1 shows results from example cutting 2 pieces of tile. For actual installation, all pieces would need to be cut.

Image 2 shows the application of a permanent white opaque surface to the cut edge of the tile. This is important to refract rather than absorb light!

Results: Note area circled shows normal shadowing verses uncut area showing a much greater shadowing affect.

Complete cuts for all pieces affected