



Acrylic vs Glass

We believe that acrylic is a great choice for RV and Overland window use. Here are some facts that will help you decide which is best for you!

Glass weighs 2.14X more than acrylic.

This will matter if you are building on a weight budget.

Acrylic is 5.25X more thermally efficient than glass.

That's why glass condenses water and acrylic does not. The thermal penalty for having larger windows in acrylics is far less, and you get the benefits of greater air flow with an awning style window, light, and view.

Acrylic is 17X more impact resistant than glass.

Of course double pane windows like ours are even higher. A mishap in the outback is far less likely to leave you with a gaping hole in your rig. Acrylic also does not shatter like glass, making it safer.

Acrylic transmits 92% light while glass transmits 80 - 90% depending on composition.

Means a brighter interior

Acrylic has a flexural strength 2-3 times higher.

This makes it possible to build larger awning style windows without a frame around the glazing, saving even more weight.

Acrylic does require reasonable care to prevent scratching, but all but the worst scratches can be polished out. In every other way imaginable, acrylic is a better material than glass for an overlander window. A common misconception is that acrylic is "cheaper". Actually, building a quality double pane glazing like ours is more expensive than glass.