

Advantages of Fiberglass Construction

Stability

Our fiberglass-reinforced composite components are more stable than traditional wooden or vinyl beams and rafters. Due to the reduced weight, our beams can span longer distances without sagging. They are also unaffected by variations in temperature and don't sag or distort in hot environments as vinyl can.

High strength-to-weight ratio

Pound for pound, our light weight fiberglass-reinforced components are stronger than steel. This allows for quick and easy installation by contractors or homeowners, without the need for cranes and large crews of workers.

Corrosion resistance

Fiberglass-reinforced composites are naturally corrosion resistant. No rust, no pitting, no etching - just years of superior durability in any environment.

Consistency in appearance and performance

The consistency of our materials and manufacturing process results in components with a uniform appearance and performance that you can count on. The beams, rafters and purlins will not twist, warp or bow after installation, and they maintain their full strength over the life of the product.

Low-to-no maintenance

When finished with a high-quality exterior latex paint, our fiberglass-reinforced components will provide many years of trouble-free service. Their dimensional stability and resistance to moisture and humidity prevent the rot and flaking paint often associated with other materials.

Ease of fabrication

When adding accessories or customizing for a particular application, you'll appreciate the ease of fabrication you get with fiberglass components. They can be drilled, cut and mitered using common carbide-tipped drills and saw blades - no specialized tools or techniques required. Components can also be joined using readily available self-tapping screws.



The bottom line - Value Over Time

The ease of installation, durability and low-maintenance lifespan make fiberglass-reinforced composite materials a great value. Over many years of trouble-free use you will truly appreciate the advantages of the Arbor-Tect System!