

# Genesis All-Cellular Window Frequently Asked Questions

By the consumer/homeowner



## What is the Thermal performance that I can expect?

You can expect a U value of 0.26 using double pane glass with Low e and argon. If you use two low e coatings (surface 2 and surface 3) with argon, you can expect a U value of 0.22. The air infiltration values are 0.08 for the welded window and 0.15 for the mechanical window. The windows were tested to DP50. The results shown are for the Double Hung product.

## Does the window look like a vinyl window?

The mechanically fastened windows share many appearance characteristics with painted wood windows. The mechanical joints are architecturally consistent with wood window products. There is a colonial appearance to the exterior of the double hung frame and the interior and exterior of the sash. Similarly the casement sash has a colonial appearance to it.

## Do these windows need on-going painting or other maintenance?

No. Even our products painted with Royal Bond Technical Coatings will not need painting on an on-going basis. An annual wash with mild soap and water to remove environmental contaminants is all that is needed.

## Can all the different types of windows found in my home be replaced with the Genesis Window?

The Genesis window is made in several styles. With the wide range of accessories available virtually all combinations of windows can be built including bays, bows and architectural shapes.

## What is Cellular Vinyl?

The Genesis Cellular window is made from a material called Cellular Vinyl. 100% vinyl is combined with an agent to create a closed cell foam structure located to the interior of the part. The exterior is a solid vinyl cap that provides a smooth and uniform finish to the surface. The cell structure traps micro-pockets of air contributing to the enhanced thermal performance of the material. Since there isn't a grain to the material, it won't split, crack or warp. There are not wood components to the base formulation of the Cellular material so it won't rot when subjected to high moisture conditions.