

Public Comments – ENERGY STAR Windows, Doors and Skylights v6.0 Framework Document

Submitted by Michael Barr, Weather Barr Windows & Doors

Below are the formal responses to the modifications to the window program within Energy Star. The only provisions we deemed necessary to respond to were the questions related to the performance criteria on page 8 of the proposed document.

1. Most of the products we are selling have a U-Value in between .30 and .31 with a SHGC of close to .27.
2. There will be significant costs related to the increased use of triple glazing, and the potential of having to configure a unit that will make .25 SHGC.
3. There will be significant costs due to the .25 U-Value in the Northern region and the .25 SHGC in the SC and South. A U-Value of .25 is currently attainable only with triple glaze product, which are a cost concern as well as a design concern within a window system. An inside surface low-e can make these numbers achievable, but that significantly increases the likelihood of condensation, which is a primary reason a homeowner would replace their existing windows. The SHGC of .25 is very difficult to achieve even with a good solar control low-e, especially in fixed units. These two numbers are too aggressive.
4. No.

Thanks,

Michael Barr

President

www.weatherbarr.com

