## Advanced Windows

### Author

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### Description

The appropriate high performance windows can reduce energy consumption in some buildings by decreasing heat loss and heat gain. It is important to ensure that the combinations of properties tested through this measure are physically realistic; the measure will not check this.

### Modeler Description

This measure applied user-specified window properties to all exterior windows in the model. It is important to ensure that the combinations of properties tested through this measure are physically realistic; the measure will not check this.

### Use Case Types

Retrofit, New Construction

### Arguments

The desired R-Value, SHGC, and VLT of the windows.

### Initial Condition Message

### Final Condition Message

The square footage of windows modified.

### Not Applicable Messages

### Warning Messages

### Information Messages

### Error Messages

### Code Outline

* Create a new WindowMaterial:SimpleGlazing with the specified properties
* Assign this new material to a construction
* Assign this new construction to all exterior windows in the model

### Tests

This measure applies to all prototype buildings

### References

This Measure was developed as part of the DOE QTR process. Default values for the window performance come from that analysis.