

# ⚡ Saturn SERIES

by



*Custom Built*

*Exceptional Windows Make Exceptional Homes*



## ⚡ Saturn Exceptional Features

### Quality Construction

- Heavy duty multi-chambered vinyl extrusions feature **outstanding .070" thick walls**, providing superior strength and insulation.
- The fusion welded joints of the Saturn frame and sash will never separate, providing long-lasting service and reliability.

### Energy Efficiency

- **Insulated glass, a full 7/8" thick**, achieves outstanding thermal performance, and significantly reduces sound infiltration.
- **Exclusive triple seal sash weatherstripping** minimizes air infiltration. (Most competitive products utilize no more than two seals.)
- Storm windows are no longer necessary, in virtually any climate.

### Maintenance Free

- Saturn windows never need painting, and never chip, peel, warp or rust.

### Easy to Operate/Easy to Clean

- Integral continuous lift handles provide easy sash operation, and eliminate unsightly screw-on handles.
- Double hung style features tilt-in sash, top and bottom, for easy and safe cleaning from the inside.
- Slider sashes lift out easily for cleaning.
- The Saturn's silky smooth vinyl finish wipes clean with ordinary household cleaners.

### Performance

- Saturn windows are engineered and **built to withstand the toughest wind zone requirements** on the east coast; **winds of up to 187 MPH!**
- Saturn windows achieve the **outstanding test performance of Grade 60!** They exceed all U.S. government structural and thermal performance standards in independent tests.
- Cost savings on heating and air conditioning effectively pay for these windows in a few years.

# **aturn** - *The difference is in the details*



1. Contoured exterior frame detail provides elegant, distinctive appeal.
  2. Highest quality maintenance-free vinyl extrusions feature:
    - heavy duty **outstanding .070" thick walls**, for superior strength.
    - multi-chambered sash and frame constructions for optimal thermal efficiency.
    - contain no recycled vinyl (regrind): only virgin PVC.
    - will not pit, peel, corrode, dent or rust - never need painting or puttying.
    - clean with ordinary household cleaners.
  3. **Exclusive triple seal sash weatherstripping** minimizes air infiltration.
  4. Two easy-to-operate security latches allow venting with security.
  5. Patented internal tilt release hardware for clean appearance and easy operation.
  6. Three-way cam action lock and interlock systems offer tamper-resistant security.
  7. **Insulated glass, a full 7/8" thick**, achieves outstanding thermal performance, and significantly reduces sound infiltration, enhancing your home's tranquility.
  8. Rugged fusion welded joints, frame and sash, never separate, providing long-lasting service and reliability.
  9. Integral continuous lift handles provide easy sash operation.
  10. Half screens are standard. Optional full screens are available.
  11. True sloped sill ensures positive water drainage.
- Saturn windows are custom-made to fit your home. And with a vast array of accessory profiles available, Saturn windows are ideally suited to new construction as well as replacement.

**aturn** systems offer an endless variety of options so you never have to compromise



## Glass Options

- Low E glass - substantially increases thermal window performance.
- Argon gas filled - a colorless inert gas can be used to replace air in an insulating glass unit which decreases heat and sound transfer significantly, when used in conjunction with Low E glass.
- Decorative grids - colonial, diamond, Queen Anne, or custom configurations, in either flat or contour profiles.
- Princess Art Glass - beautifully incorporates polished brass coming, prism-like glass bevels, and "old world" cracked glass for a truly distinctive look.

## Available Styles

- Double Hung
- Picture Window
- Slider
- Bow and Bay
- Casement
- Awning
- Architectural Shapes

## Available Finishes

- White
- Beige
- White interior/Bronze exterior
- Woodgrain interiors (shown below right)

### INDEPENDENT TEST RESULTS

#### Structural - Saturn Double Hung

Rating - H-R60  
 Overall Design Pressure - 60.0 psf  
 Operating Force - 18 lb max.  
 Air Infiltration @ 25mph - .11 cfm / ft.  
 Water Resistance @ 6.0 psf - No Entry  
 Structural Load : 90 psf exterior / interior (equals 187 mph ext./int.) - Meets as specified.  
 Forced Entry Resistance - Pass Level 10

#### Thermal - U Values - Saturn Double Hung

(U Value is a measure of the heat flow rate through the entire window. The lower the value, the greater the insulating capacity.)

.43 - Glazed Clear  
 .34 - Glazed Low E  
 .31 - Glazed Low E + Argon

Saturn window systems are available through:



Natural Oak



Barrister Oak



Colonial Cherry



London Walnut