

# Window Requirements per RI State Building Code SBC-2-2013

## 1 – Windborne Debris – Zone 3 only (120 MPH Wind Zone) See R301.2.1.2

- Impact Resistance Glass – IZ3 Rating or Impact Zone 3 Rating  
Note: Windows will have a label noting compliance with ASTM E 1996 and of ASTM E 1886.

### DO NOT REMOVE THE LABEL UNTIL SIGN-OFF BY INSPECTOR

**Exception:** Pre-cut Panels – minimum 7/16” thickness and maximum 8’ span – pre-drilled with fasteners are permitted for opening protection in one and two story buildings only. Panels on site at CO Inspection. (Note: This exception is allowed by the Building Code but this may affect insurance rates. The owner should verify this with their insurance carrier.)

## 2 – U-Rating – Maximum Glazing U-Factor of .35

## 3 – Wind Pressure Requirements (+/- DP Rating) see R301.2.1

	Pos	Neg
Zone 2 (110 MPH)	30.52	-40.74
Zone 3 (120 MPH)	36.26	-48.58

The DP Rating of the windows must have a minimum positive & negative pressure rating as shown for the appropriate zone and exposure.

Note: For DP ratings other than those values shown submit the calculations for review prior to rough inspection.

Note: Windows must be installed per the manufacturer’s instructions for the appropriate zone the structure is located in.

## 4 – Window sills (R312.2.1) In dwelling units, where the opening of an operable window is located more than 72 inches (1829 mm) above the finished grade or surface below, the lowest part of the clear opening of the window shall be a minimum of 24 inches (610 mm) above the finished floor of the room in which the window is located. Operable sections of windows shall not permit openings that allow passage of a 4-inch-diameter (102 mm) sphere where such openings are located within 24 inches (610 mm) of the finished floor.

### Exceptions:

1. Windows whose openings will not allow a 4-inch-diameter (102 mm) sphere to pass through the opening when the opening is in its largest opened position.
2. Openings that are provided with window fall prevention devices that comply with ASTM F 2090.
3. Windows that are provided with window opening control devices that comply with Section R312.2.2.