

Window Requirements per RI State Building Code SBC-2-2019

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 top of the sill of an operable window opening is located less than 24 inches above the finish floor and greater than 72 inches above the finished grade or other surface below on the exterior of the building, the operable window shall comply with one of the following:

Exceptions:

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