

**CODE TECHNOLOGIES COMMITTEE  
CHILD WINDOW SAFETY WORK GROUP  
APPROVED CODE CHANGE DRAFTS**

**CODE GROUP B**

This report includes 1 code change proposal from the CTC Child Window Safety Coordination committee developed for Group B changes.

<b>Code</b>	<b>Section</b>	<b>Comments</b>
IEBC	704.2	Replacement windows

**EBxx-12/13**

**704.2(new)**

**Proponent:** Carl Baldassarra, P.E., FSFPE, Chair, ICC Code Technology Committee

**Revise as follows:**

**CHAPTER 7  
ALTERATIONS—LEVEL 1**

**SECTION 704  
MEANS OF EGRESS**

**704.1 General.** *Alterations* shall be done in a manner that maintains the level of protection provided for the means of egress.

**704.2 Replacement Windows.** All windows in Group R-2 or R-3 buildings containing dwelling units, window opening control devices complying with ASTM F2090 shall be installed where an existing window is replaced and where all the following apply to the replacement window:

1. The window is operable;
2. The window replacement includes replacement of the sash and the frame;
3. The top of the sill of the window opening is at a height less than 36 inches (915 mm) above the finished floor;
4. The window will permit openings that will allow passage of a 4-inch diameter (102 mm) sphere when the window is in its largest opened position; and
5. The vertical distance from the top of the sill of the window opening to the finished grade or other surface below, on the exterior of the building, is greater than 72 inches (1829 mm).

The window opening control device, after operation to release the control device allowing the window to fully open, shall not reduce the minimum net clear opening area of the window unit to less than the area required by Section 1029.2.

**Exceptions:**

1. Operable windows where the top of the sill of the window opening is located more than 75 feet (22.86 m) above the finished grade or other surface below, on the exterior of the room, space or building, and that are provided with window fall prevention devices that comply with ASTM F 2006.
2. Operable windows with openings that are provided with window fall prevention devices that comply with ASTM F2090.

**Reason:** Insert standard CTC paragraph.

The CTC Study Group on Child Window Safety has been fostering changes to the code over the past few cycles to clarify the application and specify the appropriate standards to be included in the code regarding child window safety. During the last cycle changes to incorporate those changes were successful in both the IBC and IRC. One of the areas that had not been the focus of CTC was existing windows in existing windows.

This code change incorporates parallel requirements to Section 1013.8 when an existing window is replaced, including the sash and the frame in an R-2 or R-3 building containing dwelling units. By incorporating this section in IEBC and a companion change to the IBC Chapter 34/IEBC Chapter 4 we can achieve a higher level of safety for children with minimum cost impact.

**Cost:** Increase

**Contact:** CTC Child Window Safety Committee – talk to Mike Pfeiffer or Kim Paarlberg

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