

ASTM F2090-2008 Compliant Certified Window Solutions

CHILD SAFETY



WINDOW FALL PREVENTION

Little Tot Window Opening Control Device

A way to protect children up to the age of five against the hazard of open windows... with a quick release mechanism to provide a means of emergency escape.

Meets Department of Defense
United Facilities Criteria
UFC4-711-01

MERCER

Children falling from windows is one of the most common accidents resulting in either serious injury or death.

Across the world, falls account for over half of all domestic accidents involving children and the second most common cause of accidental child death. In the United States, falls from windows account for an estimated 12 deaths and 4,000 injuries among children under the age of 10 every year.

Mercer Windows is pleased to offer a peace of mind solution aimed at helping prevent the tragedy of a child's injury or death from a window fall.

The Little Tot Window Opening Control Device (LTD) is available on all of Mercer's 800 Series, single hung and slider window products. The LTD comes factory installed to stop operating vents at the 4" open position prescribed by the Consumer Products Safety Council as "Child Safe."



On a sliding window, one dual action LTD allows a less than 4 inch opening. Release the LTD and the window is fully operational. Close the window and the LTD automatically resets.

Our energy efficient windows are now among the safest!

Mercer Windows' 800, 810, 820 and 830 Series slider and single hung windows with the Little Tot Window Opening Control Device (LTD) offer added protection against tragic toddler falls through open windows. The quick release feature permits older children and adults a means of quick escape from the inside, in case of fire. Devices like the Mercer LTD that meet ASTM F2090 are becoming required on second story and above windows by more and more State, Local and Military housing codes.



On single hung windows Mercer installs a LTD on both sides of the window frame. The window is stopped when opened, to less than 4 inches, until the devices are released. Close the window to activate LTD protection.



A New Standard:

ASTM F2090-2008 and 2010

Some background on a certified solution

Laws and regulations now exist to provide a safety standard to protect our kids from the risk of window falls.

Laela's Law

The Minnesota Senate recently passed a window fall prevention law known as Laela's Law. The first such law in the nation, which aims to stop injuries and deaths due to children falling through windows.

Laela's Law is based on the new ASTM F2090 – 2008 and 2010 standard, which has been adopted by the International Construction Council (ICC). The ICC code is expected to be rolled out state by state.

The measure was dubbed "Laela's Law" after the two-year-old girl who fell through the screen of a fourth-floor apartment in a nearly new building. Senator Linda Berglin said that it requires the State Building Code to be updated to mandate fall-prevention devices on windows that are used on residences.

The worst thing about these injuries and deaths is that they could have been easily and cheaply avoided using a simple window safety latch. The state of Minnesota recognizes this and is leading the cause. Minnesota is also setting up a program to educate parents and caregivers of young children about window safety. It's not enough to depend on construction and technology to prevent falls. People who care for kids need to be aware of the limits of windows and screens.

ASTM F2090 – 2008 and 2010

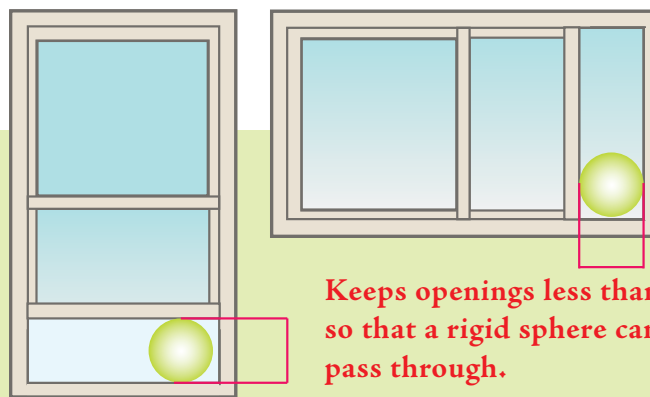
The new code, ASTM F2090 – 2008 and 2010 is the result of the window industries' efforts to save lives, by improving window safety through organizations like the Window Safety Task Force of the National Safety Council. This specification establishes the installation, safety, performance, and labeling requirements for devices intended to address the risk of injury and death associated with accidental falls from windows by children five years old and younger.

In brief:

- Window opening of no more than four inches.
- Independent operation of release mechanism
- Maximum force of 15 Lbf required to release the mechanism
- Automatic reset
- Visible indicators
- No interference with window integrity
- Instructions/warnings included

For further information on the new ASTM F2090 – 2008 and 2010 standards, please contact ASTM International.

Why you can rely on Mercer
windows with the Little Tot
Window Opening Control
Device (LTD)



- Factory installation insures proper and precise placement of opening control device per ASTM F2090-2008 and 2010.
- Factory installation insures that anchoring screws on LTD are properly sealed.
- Consumers Products Safety Council (CPSC) has advised caregivers to open windows less than 4 inches when children are present as one means to prevent child falls through open windows. Mercer windows, featuring the LTD, provide a means for the window, when opened in an initial operation, to satisfy the CPSC recommendations to open window less than 4 inches.
- Mercer windows with the LTD provide the means to mitigate the hazard of children falling from windows.
- Mercer windows with the LTD provide a quick-release mechanism for emergency egress in the case of a fire.
- The Mercer LTD is tested to meet ASTM F2090 – 2008 and 2010...the new standard adopted by the International Construction Council.
- You can trust in Mercer Window products...we've been manufacturing quality windows and doors since 1926!

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