



MANUFACTURED BUILDING

Toll free 800.587.2716 Tel 919.647.0000 Fax 919.715.0067

MIKE CAUSEY, INSURANCE COMMISSIONER & STATE FIRE MARSHAL
BRIAN TAYLOR, ASSISTANT STATE FIRE MARSHAL

MEMORANDUM

DATE: December 3, 2019 (revised from August 2, 2012)

TO: Approved 3rd Party Certification Agencies and Other Interested Parties

FROM: Michael J. Hamm, P.E.
Chief Code Consultant
Manufactured Building Division

SUBJECT: R312 - Window Fall Protection

Section R312.2 of the **2018 North Carolina Residential Code** contains language addressing the potential hazard of individuals (especially children) falling out of windows in dwelling units. Specifically, **Section R312.2.1** in the **2018 North Carolina Residential Code** states that:

In dwelling units, where the top of the sill of an operable window opening is located less than 24 inches above the finished 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:

- 1. Operable windows with openings that will not allow a 4" diameter 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 F2090.*
- 3. Operable windows that are provided with window opening control devices that comply with Section R312.2.2.*

All plans shall clearly address compliance to this code section.

cc: Joseph H. Sadler, Jr., P.E. – Deputy Director
Barry Gupton, P.E. – Technical Services Manager
Bill Moeller, P.E. – Code Consultant
P. Shane Phelps – Code Consultant