



**Safety & Buildings Division**  
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**Approval #** 201004-A  
(Replaces 200515-A)  
File No.: 20109004

## **Wisconsin**

# **Building Product Evaluation**

### **Material**

Two- Story Egress Layouts for 4-Unit & 8-Unit Apartment Modules and 10-Unit Apartment Buildings

### **Manufacturer**

TOONEN COMPANIES, INC.  
2830 Curry Ct., Suite 4  
Green Bay, WI 54311

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### **SCOPE OF EVALUATION**

This report evaluates two-story egress layouts to be constructed by TOONEN COMPANIES, INC., for compliance with the intent of the following egress requirements of the current Wisconsin Commercial Building Code (WCBC), including the following sections of the 2009 International Building Code:

- Section IBC 1021.1 - minimum number of exits from every space in a story
- Section IBC 1022.1 - stair enclosures

### **DESCRIPTION AND USE**

This approval addresses three modular apartment building designs that all have the following features in common:

- The buildings are two-story, NFPA-13R sprinklered, Type 5B construction without basements.
- The shared egress system consists of first and second floor corridors connected by an open stairway that leads to the exterior of the building. The corridors and open stairs are one-hour rated fire partitions with 45 minute rated doors with smoke seals and closers.
- Each dwelling unit:
  - Has a 6'-6" minimum width patio door from the living room to an at-grade patio or an exterior deck with a minimum area of 14 square feet per bedroom served, a minimum depth of 36" and a height of no more than 10' above grade.
  - May have up to three bedrooms each.

