

CHANGE TYPE: Addition

1607.12

Roof Loads

CHANGE SUMMARY: The term “vegetative roof” has been defined in Section 202 and a reference to ASTM E 2397 has been added to Section 1607.

2015 CODE:

SECTION 202 DEFINITIONS

VEGETATIVE ROOF. An assembly of interacting components designed to waterproof and normally insulate a building’s top surface that includes, by design, vegetation and related landscape elements.

1607.12.3 Occupiable Roofs. Areas of roofs that are occupiable, such as vegetative roofs, roof gardens or for assembly or other similar purposes, and marquees are permitted to have their uniformly distributed live loads reduced in accordance with Section 1607.10.

1607.12.3.1 Vegetative and Landscaped Roofs. The uniform design live load in unoccupied landscaped areas on roofs shall be 20 psf (0.958 kN/m²). The weight of all landscaping materials shall be considered as dead load and shall be computed on the basis of saturation of the soil as determined in accordance with ASTM E 2397. The uniform design live load in unoccupied landscaped areas on roofs shall be 20 psf (0.958 kN/m²). The uniform design live load for occupied landscaped areas on roofs shall be determined in accordance with Table 1607.1.

1607.12 continues



Green roof

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1607.12 continued

CHANGE SIGNIFICANCE: The definition of “vegetative roof” has been added to Section 202 to be consistent with the definition in the ICC *International Green Construction Code* and ASTM D1079, *Standard Terminology Relating to Roofing and Waterproofing*. A reference to ASTM E 2397, *Standard Practice for Determination of Dead Loads and Live Loads Associated with Vegetative (Green) Roof Systems*, has been added for the purpose of determining soil loads on vegetative roofs. The provisions pertaining to landscaped roofs have been reorganized, and a reference to Table 1607.1 has been added for live loads on occupiable landscaped areas of roofs.