

Public Review Draft

Proposed Addendum e to Standard 189.1-2023

Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings

Third Public Review (July 2025)
(Draft Shows Proposed Independent Substantive
Changes to Previous Public Review Draft)

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Foreword

The third ISC makes modifications based on comments from the second public review. The change strikes the minimum weight requirement under the exception for stone ballasted roofs based on provisions contained in the International Building Code (IBC) that establishes the weight of stone ballasted roofs. This change was originally shown in the 1st public review draft and added back in for the 2nd public review, ISC. This change would finalize the deletion of the minimum weight requirement under the exception for stone ballasted roofs.

[Note to Reviewers: This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the current standard are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.]

Addendum e 3rd ISC to 189.1-2023

Modify Section 5.3.5.3 as follows:

5.3.5.3 Roofs. Roof surfaces for *building projects* in Climate Zones 0, 1, 2, 3, 4A, and 4B shall be covered with products that

- have a minimum three-year-aged *SRI* of 64 in accordance with Section 5.3.5.4 for roofs with a slope of less than 2:12.
- have a minimum three-year-aged *SRI* of 25 in accordance with Section 5.3.5.4 for roofs with a slope 2:12 or greater.

Exceptions to 5.3.5.3:

- Roofs where not less than 75% of the roof surface is shaded during the peak sun angle on the summer solstice by permanent components or features of the *building*, including adjacent buildings or structures.
- Existing buildings in Climate Zones 4A and 4B undergoing roof replacement.
- Roofs with exposed concrete used as a parking deck, provided that they have a minimum initial *SRI* of 29. A default *SRI* value of 35 for new concrete without added color pigment is allowed to be used instead of measurements.
- Stone ballasted in Climate Zones 4A and 4B ~~having a weight of not less than 17 lb/ft² (83 kg/m²).~~
- Portions of the roof covered by permanently installed objects such as HVAC systems, solar energy systems, decks, and walkways.
- Vegetated terrace and roofing systems complying with Section 5.3.5.5.