

1608.1 General. Design **snow loads** shall be determined in accordance with Section 7 of ASCE 7, but the design roof load shall not be less than that determined by Section 1607 or established by design by a licensed Colorado design professional.

A licensed Colorado design professional may design the structure using ground snow loads (pg) complying with the Colorado Design Snow Loads Report and Map, published by the Structural Engineers Association of Colorado (date May 6, 2015). The design roof snow load values shall be determined from Section 1608 of the IBC, including all applicable factors, and loading and drifting considerations of ASCE 7, Chapter 7.

Additionally, the changing of roofing materials and roof coverings other than like materials may require a roof evaluation from a licensed Colorado design professional.

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1609.1 Applications. Buildings, structures, and parts thereof shall be designed to withstand the **minimum wind loads** prescribed herein. Decreases in wind loads shall not be made for the effect of shielding by other structures.

Minimum design wind speed is 105 mph with exposure category determined by Section 1609.4*

*The Colorado licensed design professional of record of a project shall designate exposure based on site-specific conditions, ASCE 7-10 Compatible, published by the Structural Engineers Association of Colorado (dated 11/18/2013)