

International Wildland-Urban Interface Code (WUI)

Roofs

Newly constructed roofs and alterations to existing roofs for both residential and commercial structures when located in areas where WUI applies are required to meet the Class-A rating requirements below.

Roofing materials to carry a class A rating in accordance with the WUI as amended by Washington State.

ROOF ASSEMBLY. A system designed to provide weather protection and resistance to design loads. The system consists of a roof covering and roof deck or a single component serving as both the roof covering and the roof deck. A roof assembly can include an underlayment, thermal barrier, ignition barrier, insulation or a vapor retarder.

CLASS A ROOF ASSEMBLIES. Class A roof assemblies are those that are effective against severe fire test exposure. Class A roof assemblies and roof coverings shall be listed and identified as Class A by an approved testing agency. Class A roof assemblies shall be permitted for use in buildings or structures of all types of construction.

ROOF VALLEYS. Where installed, valley flashings shall be not less than 0.019-inch (No. 26 galvanized sheet gage) corrosion-resistant metal installed over a minimum 36-inch-wide underlayment consisting of one layer of 72-pound mineral-surfaced, non-perforated cap sheet (rolled roofing) complying with ASTM D3909 running the full length of the valley.

References:

International Code Council ICC - [International Code Council - ICC \(iccsafe.org\)](https://www.iccsafe.org)

State Building Code Council , see for effective date - [About SBCC | SBCC \(wa.gov\)](https://www.sbccc.org)



Rev6



WUI ROOFING