Building and Safety Division Product Approval

Michael Lavallee, Chief Building Official

April 23, 2009

Brandguard Vents

PURPOSE: To approve the use of Brandguard Vents.

COMMENTS:

Section 704A.2.2 of the 2007 Edition of the California Building Code (CBC) prohibits eave and cornice vents. By exception, eave and cornice vents that resist intrusion of flame and burning embers into the attic may be used. No standard for compliance has been provided by the Code. A Brandguard under eave / soffit vent was tested for flame and ember intrusion by Southwest Research Institute. The under eave / soffit vent was tested for both a fire and an ember intrusion test in a horizontal soffit configuration. The vent passed Southwest Research Institutes tests. Based on these test results, the Brandguard "undereave/soffit" vent is approved for use in Truckee in an under eave horizontal soffit assembly. Note that the exposed under eave soffit assembly must meet other requirements as identified in Chapter of Chapter 7A, specifically, Section 704A.2.3, Eave Protection.

Brandguard also manufactures dormer, foundation and gable vents and fire plugs (round vents). CBC Chapter 7A only regulates vents for fire or ember intrusion in eaves and cornices. The above mentioned vents are also approved for use in Truckee, but only in locations other than eaves and cornices.

Note: The test reports are on file in the Building and Safety Division.

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