



PROTECT YOUR HOME FROM WILDFIRES



Fire Vent
Technology

Legislative
Updates

Brandguard
Services

Fire & Ember Vent Industry Update

Technical Bulletin - 2022

Technology & Products

Fire and Ember Resistant Vents

Why are Fire & Ember resistant vents so important now?

How are they different than 1/8" mesh?

Attic & Foundation Vents have long been an issue for homes during a wildfire. Most homes were built with mainly ventilation in mind; however, these traditional mesh-only vents allow dangerous flames and embers to enter during a wildfire. This is responsible for about 80% of the homes that are damaged or destroyed.

While it may seem like using smaller mesh would be a solution, it has been proven by national agencies as ineffective. It will only keep some embers out, while allowing others to burn through. Additionally, finer 1/16-1/8" mesh does not keep out flames and radiant heat. It is a misconception that it will keep your home safe. Over the years, this finer mesh has proven to clog and cause airflow issues.



Fire and Ember Vents have been on the market since 2007. Brandguard Vents, pioneered by a firefighter, is proud to be one of the very first vents on the market. These special types of vents must pass **ASTM E2886/2912**. This is a series of tests that prove the vent can resist intrusion of Flames, Hot Embers, and Radiant Heat. These vents should be listed with California State Fire Marshal's Office as this is the most stringent certifying agency.

Brandguard Vents is proud to be listed with Cal Fire and is the only vent with patented Overlapping Baffle Technology. Some of our vents which are most vulnerable to direct flames even have weather tested Intumescent Strips tucked inside that will expand and seal off in the case of extreme fire conditions. As a final layer, we have 1/16" mesh on the back side as a final level of protection and for insect prevention.



Code & Legislative Updates

Chapter 7A and AB38

Mesh be gone! Say goodbye to mesh options! These two updates are creating significant changes to both new and existing homes.

CHAPTER 7A: New Construction

In 2021, this California Building code changed to require ALL vents in Fire Hazard areas to be ASTM E2886/2912 Listed and approved. Fine mesh is no longer an option to meet the building code. If it's not allowed in new buildings, why would we allow it in existing homes?

You can find all listed vents on the CAL FIRE Website. Brandguard Vents has more listings than any other fire vent. This is the most stringent listing requirement agency and should be the golden standard for approved vents.



AB 38: Existing Homes during Escrow

In 2021, AB 38 Legislation also went into effect which requires certain sellers to disclose to buyers during escrow if they are in a fire hazard area and what updates they have done to harden their home from wildfires. Vents are number one on the list.

This is a brilliant move by the state to do this during escrow so that we can start to make progress on getting existing homes retrofitted. Inspections and Brush Clearance are also addressed on this list.

Our Brandguard Services

Your contact for Home Hardening Requirements.

Now a part of the Tenmat Global Fire protection group, Brandguard provides customers an all-inclusive experience when they call us directly. We have a trusted network of Preferred Installers that have retrofitted thousands of homes (including very high net worth) over the years. We have proven ourselves to treat everyone with an extremely high level of professionalism and confidentiality.

When a Client/Homeowner calls us directly they receive:

- A Free estimate
- Single point of Contact
- Live Customer Service
- A vetted preferred installer
- Consistent labor prices
- Quality control
- Certificate of Completion



Gutter Guards



Soffit Vent

For more information:

www.brandguardvents.com

Your trusted source for all things Home Hardening

- **Fire/Ember Vents**
- **Gutter Guards**
- **Brush Clearance**
- **Deck/Chimney Solutions**
- **Fire Retardant**

