

**BrandGuard
Vents**

Wildfire Defense Building Products

Innovative, patented product solutions
for homes that keep embers out and stop
fire from entering your home.

Flame and ember-resistant vents are now a
part of building code requirements in California,
Western U.S., Canada, and beyond.





About Us

BrandGuard Vents® were invented in 2003 by Brent Berkompas while working as a firefighter for the City of San Bernardino, California. He was fighting the 2003 and 2007 California wildfires and saw firsthand the vulnerability of the thousands of homes affected. Watching embers fly directly into homes through unprotected mesh vent openings, Brent knew that something had to be done to prevent this from happening in the future.

Wildfires and bushfires generate ember storms, which can ignite spot fires well ahead of the primary fire front. BrandGuard Vents® offers a unique patented solution that keeps embers out and stops fire from entering your home - offering wildfire defense before the flames even arrive.

Your home can be in danger even if you're not directly in the path of the fire. All dwellings located in Wildland Urban Interface (WUI) areas should be equipped with ventilation systems capable of resisting the ingress of embers, significantly reducing the risks associated with wildfires.

BrandGuard Vents sits within the wider Tenmat Passive Fire Protection Group - a cluster of specialist companies committed to tackling fire safety across a range of sectors, applications, and global locations.

The group's singular goal is to manufacture the highest performance fire protection systems in the world, supported by industry-leading scientific research and an unparalleled service offering. The combined experience of BrandGuard and the Tenmat Passive Fire Protection Group is crucial in developing innovative home hardening solutions, wildfire defense systems, and ember protection services.

Contact us today, and we will make sure that your home is ready to defend itself against wildfires.

A unique, patented solution BrandGuard Vents®

Home hardening is a critical factor in improving the survivability of structures during wildfires. All homes have vulnerable “points of entry” that must be sealed to avoid hot embers and fire from entering the structure.

From an energy savings perspective, home ventilation is essential. However, in the case of a fire nearby, there is a risk of hot embers finding their way into your attic, foundation, garage, etc.

BrandGuard has a unique, patented solution to prevent embers from entering your home.

Resistant by design



An overlapping baffle design with 1/16” mesh on the back side allows air to move freely but traps embers and prevents them from entering the structure.

Self-Closing technology

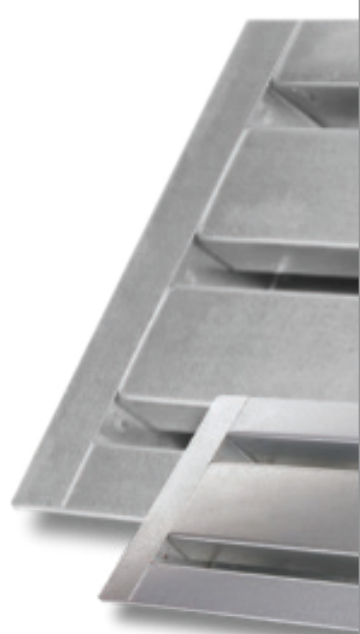


When exposed to high temperatures and flames, BrandGuard's self-closing intumescent technology expands and seals off the entry point.

Non-Combustible Material

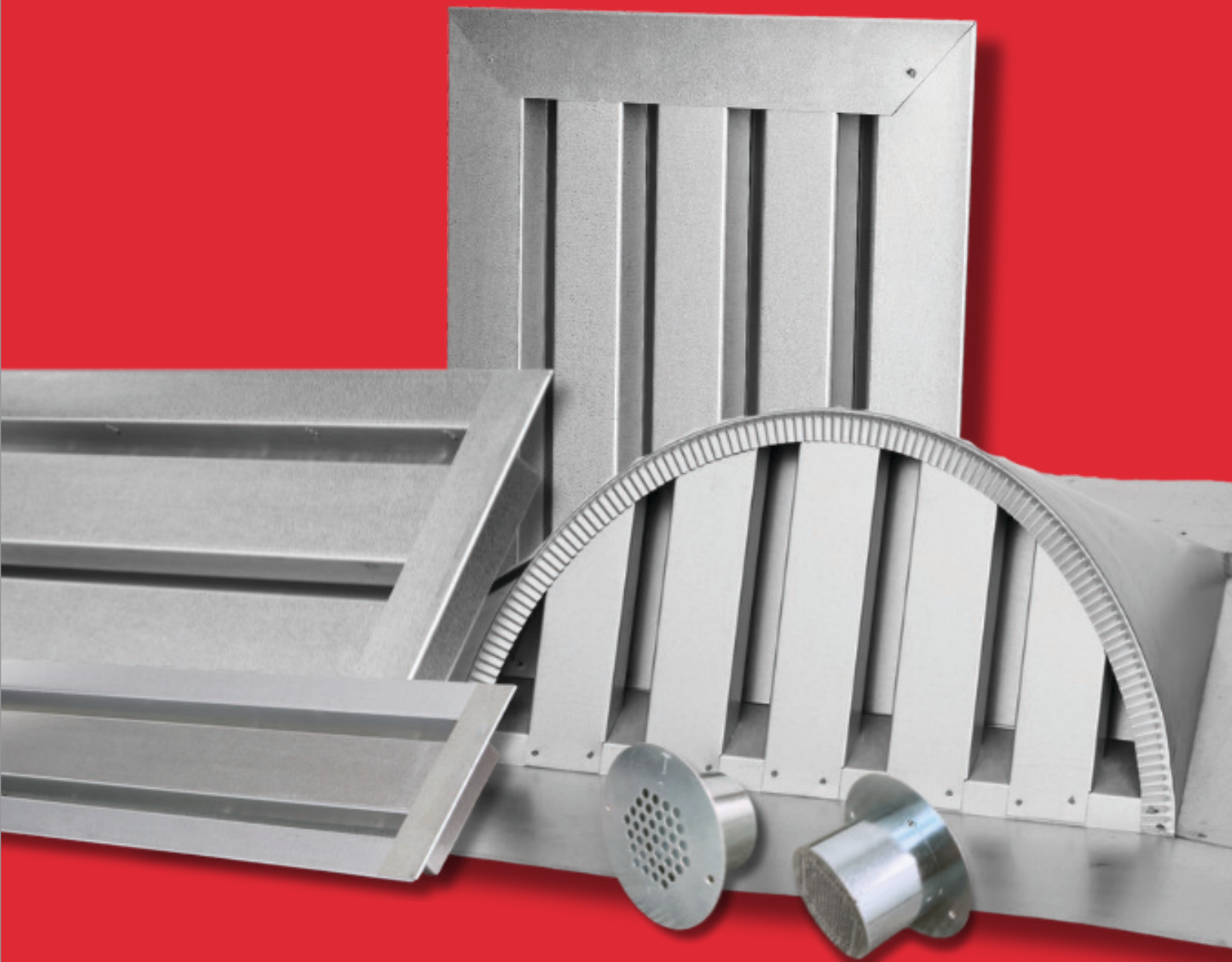


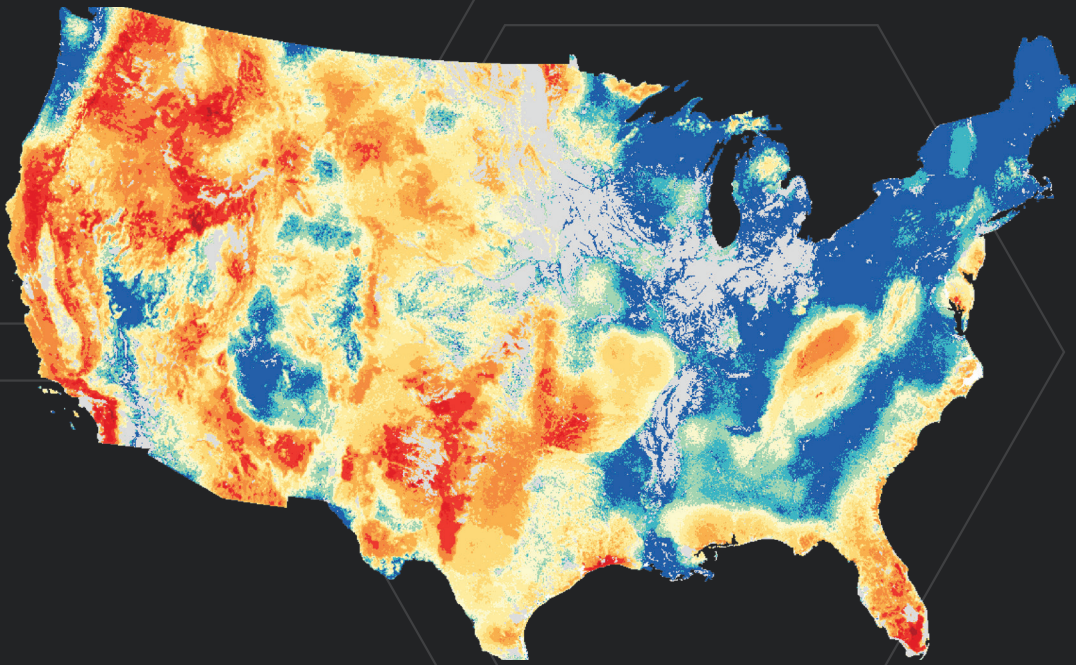
Non-combustible, 26ga Grade 90 vents which resist heat and flames.





The combination of these three technologies helps to **protect your home in the event of a wildfire, increasing the survivability ratio of the structures.**





2025 Annual Burn Probability

Credit: wildfirehazard.com

The growing problem of wildfires and ember attacks.

Wildfires are becoming more of an issue and wreaking havoc on the land and the lives of those they cross. This is, unfortunately, due to the effects of climate change. Fires are gaining in frequency, becoming more intense, and expanding in size, making them even deadlier and harder to contain.

Droughts are also becoming more common. Warmer temperatures result in water evaporating and drying out the land and all that inhabits it, and a lack of humidity results in arid climates. These two aspects combined lead to hotter and dryer climates in which fires can, and inevitably will, catch, spread, and thrive.

In dryer climates, ember attacks, where small burning fragments are carried by the wind from a wildfire and ignite new fires, pose a severe risk to residential areas. These embers can travel miles ahead of the main fire, creating numerous spotfires that can devastate communities.

How do ember-resistant vents affect insurance premiums?



A partner in safety

We specialize in installing ember-resistant vents in Western US, including California, properties, acting as a partner with local insurance brokers to help them make the best recommendations for keeping their clients safe.



Reduce fire risk

Installing an ember-resistant vent is an excellent way to reduce the risk of fire damage and potential losses, resulting in lower insurance premiums and claim payouts.



Insurability

Many insurance companies offer policy discounts to homeowners who install ember-resistant vents. In many cases, they can help you keep your policy and prevent it from getting canceled.

Insurance Requirements and Codes

BrandGuard Vents is proud to be recognized by major insurance companies.




After the recent destructive wildfires, it's important to work with your insurance company to do everything you can to maintain your coverage. Using flame and ember-resistant vents, such as ours with overlapping baffles, has been proven to help maintain insurance. If you are at risk of losing coverage, ask your agent if using fire vents would help keep your policy in place.

While insurance guidelines vary from company to company, they typically require vents to be Ember-Resistant, ASTM E 2886 and 2912 Approved, and WUI compliant. In most cases, the insurance companies defer to the State Fire Marshal's recommendations. BrandGuard Vents is proud to be on the State Fire Marshal's List.

Call your agent today and ask if your insurance offers a discount on your homeowner policy if you install Ember-Resistant Vents.



Features and benefits of our patented design

- + Our vents do not clog and are easy to clean, ensuring that airflow remains consistent over time.
- + The vents have passed the most stringent fire and ember testing (ASTM E2886/2912) and are listed by the California Office of the State Fire Marshall and are IWUI and WUI Compliant.
- + Proven through use in actual wildfires and have helped save hundreds of homes in the recent Palisades wildfires.
- + Over vents come with a 30 year, limited warranty and are made from 26ga G90 Galvanized Steel, a material used in the industry for over 100 years.
- + Our vent design also keeps out the following:
 -  Rodents
 -  Driving Rain
 -  Driving Snow

Our products are tested & approved



- + CAL FIRE listing BML # 8165-2232:0502, BML # 8165-2232:0501
- + ASTM E2886/2912 for flames, embers, and radiant heat
- + ASTM E119 1hr fire rated
- + UL and ASTM Weather Tested Intumescent Technology, up to 60 years
- + Miami Dade Driving Rain Tested, 140 MPH

Are BrandGuard Vents® patented?



Yes, BrandGuard Vents® are patented.
The expiration date for the patent is October 2039.

Additional features

BrandGuard Vents® are easy to install, retrofit, and paint. We offer custom colors, different materials, and custom sizes.



Flange type explanation

We offer several different types of flanges for both new construction and retrofit applications. Our new construction flanges can be adapted to all types of sidings available on the market

FF Flange Front

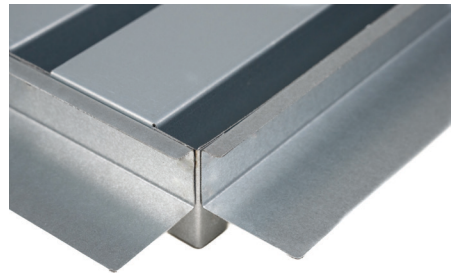
A front flange, **often used for retrofitting**, is designed to be installed on the exterior surface of a structure. It provides a visible and secure mounting point for the vent. The flange is commonly used in exterior installations where the flange needs to be accessible and visible from the front.



PG Plaster Ground, Stucco

This flange type is designed for stucco or plaster applications. The 7/8" J Channel provides a smooth, flat surface to ensure a clean finish when the vent is embedded in stucco or plaster.

This flange is for installation prior to applying stucco or plaster walls, ensuring a seamless and professional finish.



EF Ears Front

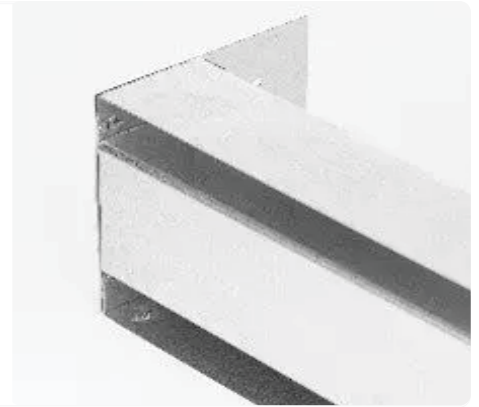
Flanges with "ears" or tabs that extend from the front of the vent. These ears facilitate attachment to the exposed underside of rafters from the front. These are used when front-side exterior installation is preferred, allowing easy securing of the vent.



EB Ears Back

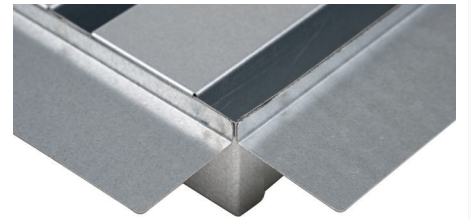
Similar to Ears Front but the ears or tabs extend from the back of the vent when installed between rafters in the undereave. This design allows for securing the vent from behind the wall.

This flange is ideal for installations where a clean front appearance is needed and attachment can be made from the rear.



H Cement Board

This flange is designed specifically for use with cement board, providing a durable and secure mounting point capable of withstanding high temperatures. It's commonly used in fire-rated wall and soffit assemblies involving fiber cement board.



FB Flange Back

This flange is designed for use when you need to mount the back of the vent directly onto the wall or soffit surface followed by the siding or soffit materials around it creating a weather-tight seal. This "back" flange provides a flush, tight fit against the building framing or sheathing. Since the flange is tucked behind, it provides a cleaner, more finished look.



Additional flange options available

Call **949-305-8059** for any additional questions and inquiries.

Scan the QR code on the right to be taken to our contact page.





Soffit and Eave Vents









Stop embers from entering your home during ember storms caused by wildfires; protect your home by installing ember-resistant undereave vents, soffit vents, and soffit guards.

BrandGuard ember-resistant soffit vents and undereave soffit vents comply with fire protection sections of the California Building Code Chapter 5 and Chapter 7A, as well as International WUI Codes.

Technical Specifications

Size (W x L)	Model #	Flange	NFVA (Airflow)
3.5" x 22"	UE2011-FF	Flange Front / Retrofit	22 sq in
	UE2011-PG	Stucco/Plaster/J Channel	22 sq in
	UE2011-H	Hardie/Fiber Cement	22 sq in
	UE2011-EF	Ears Front	22 sq in
	UE2011-EB	Ears Back	22 sq in
	UE2021-FF	Flange Front / Retrofit	14 sq in
3.5" X 14"	UE2021-PG	Stucco/Plaster/J Channel	14 sq in
	UE2021-H	Hardie/Fiber Cement	14 sq in
	UE2021-EF	Ears Front	14 sq in
	UE2021-EB	Ears Back	14 sq in
	UE2031-FF	Flange Front / Retrofit	24 sq in
	UE2031-PG	Stucco/Plaster/J Channel	24 sq in
5" x 14"	UE2031-H	Hardie/Fiber Cement	24 sq in
	UE2031-EF	Ears Front	24 sq in
	UE2031-EB	Ears Back	24 sq in
	UE2051-FF	Flange Front / Retrofit	36 sq in
	UE2051-PG	Stucco/Plaster/J Channel	36 sq in
	UE2051-H	Hardie/Fiber Cement	36 sq in
5.5" x 22"	UE2051-EF	Ears Front	36 sq in
	UE2051-EB	Ears Back	36 sq in

Key benefits

-  Flame and Ember Resistant
-  Triple Protection
-  Self-Closing and Weather-Tested Intumescent Technology
-  Standard and custom sizes
-  Easy to install
-  Blocks rodents, birds, and insects
-  Standard and custom materials
-  Can be spray painted to match the color of your home



Download the latest technical information
Scan the QR code to download the Spec Sheets.



Continuous Soffit Vents











BrandGuard's patented design uses a series of baffles to trap the embers and stop the fire from spreading. Our continuous soffit vents comply with ASTM E119 1hr fire rating and can bring your home into compliance with Chapter 5 and Chapter 7A of the California Building Code and the Wildland Urban Interface requirements.

Both single-family and multifamily structures use open ventilation to cool attic and crawl spaces, so it is of paramount importance that those vents are fire-rated. Standard vents cannot stop embers or flames. BrandGuard Continuous Soffit vents are specifically designed and tested for both WUI and high-density housing areas, to keep out flames/embers.

Technical Specifications

Size (W x L)	Model #	Flange	NFVA (Airflow)
2" x 60"	CS2031-FF	Flange Front/Retrofit	60 sq in
	CS2031-PG	Stucco/Plaster/J Channel	60 sq in
	CS2031-H	Hardie/Fiber Cement	60 sq in
	CS2031-FB	Flange Back	60 sq in
3" x 60"	CS2011-FF	Flange Front/Retrofit	60 sq in
	CS2011-PG	Stucco/Plaster/J Channel	60 sq in
	CS2011-H	Flange Front/Retrofit	60 sq in
	CS2031-FB	Flange Back	60 sq in

Key benefits

-  Flame and Ember Resistant
-  Triple Protection
-  Self-Closing and Weather-Tested Intumescent Technology
-  Standard and custom sizes
-  Easy to install
-  Blocks rodents, birds, and insects
-  Standard and custom materials
-  Can be spray painted to match the color of your home
-  Easy to fit in the field
-  Applicable for Balconies



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Under Eave Block Hole Vents


BrandGuard Fire Plug Vents are designed and tested to be used in high-severity fire hazard zones, our ember-resistant fire plugs are ideal for:


- Use in areas prone to wildfires and wind-driven rain and snow
- Resisting flame, ember, radiant heat, and wind-driven rain and snow intrusion
- Ensuring air flows through the attic normally


Easy to install, retrofit, and paint, all our fire-resistant round vents come with pre-drilled holes.


Key benefits


 Flame and Ember Resistant

 Can be spray painted to match the color of your home

 Easy to install

 Standard and custom sizes

 Blocks rodents, birds, and insects

 Standard and custom materials

Technical Specifications

Size	Model #	Flange	NFVA (Airflow)
1.5" Round	FP2000	Flange Front / Retrofit	1 in
2" Round	FP2011	Flange Front / Retrofit	1.2 in
3" Round	FP2-21	Flange Front / Retrofit	2 in



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Gable Vents










BrandGuard Gable Vents feature a patented overlapping baffle design to stop embers and prevent the spread of fire. They're ideal for use in Wildfire-Urban Interface (WUI) areas.

The vents are aesthetically pleasing and can be painted to match the color of the house. In combination with other BrandGuard fire and ember-resistant vents, you can now protect your home in compliance with Chapter 7A of the California Building Code.

Technical Specifications

Size (W x H)	Model #	Flange	NFVA (Airflow)
12" w x 12" h	GV2011-FF	Flange Front	38.6 sq in
	GV2011-PG	Stucco/Plaster/J Channel	38.6 sq in
	GV2011-FB	Flange Back	38.6 sq in
	GV2011-FO	1.5" Setback	38.6 sq in
12" w x 18" h	GV2021-FF	Flange Front	60.9 sq in
	GV2021-PG	Stucco/Plaster/J Channel	60.9 sq in
	GV2021-FB	Flange Back	60.9 sq in
	GV2021-FO	1.5" Setback	60.9 sq in
14" w x 18" h	GV2041-FF	Flange Front	71.1 sq in
	GV2041-PG	Stucco/Plaster/J Channel	71.1 sq in
	GV2041-FB	Flange Back	71.1 sq in
	GV2041-FO	1.5" Setback	71.1 sq in
14" w x 24" h	GV2051-FF	Flange Front	97.6 sq in
	GV2051-PG	Stucco/Plaster/J Channel	97.6 sq in
	GV2051-FB	Flange Back	97.6 sq in
	GV2051-FO	1.5" Setback	97.6 sq in
18" w x 24" h	GV2071-FF	Flange Front	127 sq in
	GV2071-PG	Stucco/Plaster/J Channel	127 sq in
	GV2071-FB	Flange Back	127 sq in
	GV2071-FO	1.5" Setback	127 sq in
22" w x 30" h	GV2081-FF	Flange Front	186 sq in
	GV2081-PG	Stucco/Plaster/J Channel	186 sq in
	GV2081-FB	Flange Back	186 sq in
	GV2081-FO	1.5" Setback	186 sq in

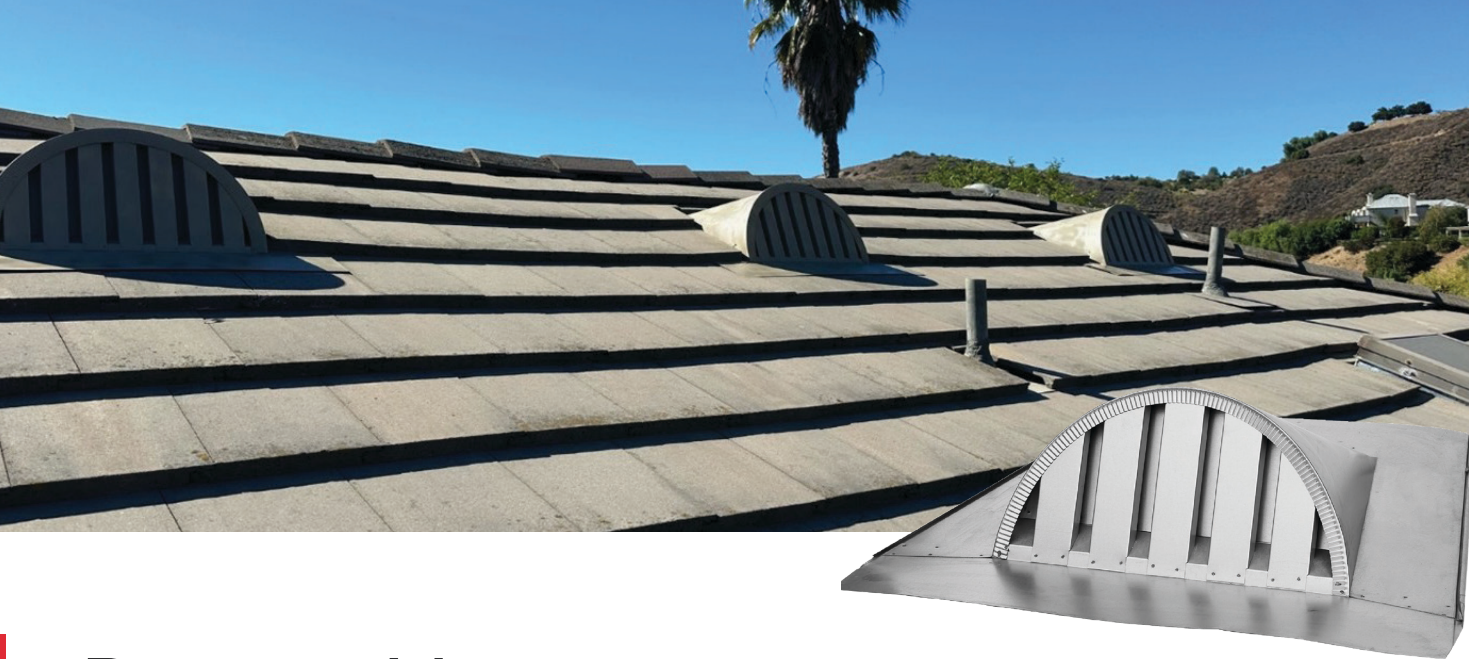
Key benefits

-  Flame and Ember Resistant
-  Triple Protection
-  Self-Closing and Weather-Tested Intumescent Technology
-  Standard and custom sizes
-  Easy to install
-  Blocks rodents, birds, and insects
-  Standard and custom materials
-  Can be spray painted to match the color of your home
-  Are available in round, triangle, and custom shapes and sizes



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Dormer Vents

Because dormer vents are raised, they're common entry points for embers which cause the most damage during wildfires. An ember- and flame-resistant dormer vent allows your attic to "breathe" while mitigating wildfire damage and devastation.

BrandGuard's ember-resistant dormer vents have a unique and patented overlapping baffle that's been tested and approved for use in high-wildfire-risk areas.

Key benefits

-  Flame and Ember Resistant
-  Can be spray painted to match the color of your home
-  Easy to install
-  Miami-Dade County Tested
-  Blocks rodents, birds, and insects
-  Standard and custom sizes

Technical Specifications

Size (W x L)	Model #	Flange	NFVA (Airflow)
9" x 18"	DV2011	Standard	56 sq in
	DV2011-R	Retrofit	56 sq in
	DV2031	Soft Aluminum for stiles	56 sq in
12" x 24"	DV2011	Standard	72 sq in
	DV2011-R	Retrofit	72 sq in
	DV2031	Soft Aluminum for stiles	72 sq in



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Foundation Vents









BrandGuard ember-resistant foundation vents protect your home from embers during a wildfire and provide critical cooling and ventilation to the crawl space or garage.

Chapter 7a of the California Building Code and California Assembly Bill 38 establishes new standards for residential fire protection. Our foundation and garage vents are ideal for homes in Wildland-Urban Interface (WUI) areas and anywhere wildfires threaten homes.

Technical Specifications

Size (LxH)	Model #	Flange	NFVA (Airflow)
14" x 5.5"	FV2011-FF	Flange Front	23.4 sq in
	FV2011-PG	Stucco/Plaster	23.4 sq in
	FV2011-FB	Flange Back	23.4 sq in
14" x 8"	FV2021-FF	Flange Front	38 sq in
	FV2021-PG	Stucco/Plaster	38 sq in
	FV2021-FB	Flange Back	38 sq in
16" x 4"	FV16x4-FF	Flange Front	22.5 sq in
	FV16x4-PG	Stucco/Plaster	22.5 sq in
	FV16x4-FB	Flange Back	22.5 sq in
16" x 6"	FV16x6-FF	Flange Front	34 sq in
	FV16x6-PG	Stucco/Plaster	34 sq in
	FV16x6-FB	Flange Back	34 sq in
16" x 8"	FV16x8-FF	Flange Front	45 sq in
	FV16x8-PG	Stucco/Plaster	45 sq in
	FV16x8-FB	Flange Back	45 sq in

Key benefits

-  Flame and Ember Resistant
-  Triple Protection
-  Self-Closing and Weather-Tested Intumescent Technology
-  Standard and custom sizes
-  Easy to install
-  Blocks rodents, birds, and insects
-  Standard and custom materials
-  Can be spray painted to match the color of your home



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Low Profile Glider Series NEW







Located on the highest point of a home, low profile glider and ridge vents are susceptible to thousands of flying hot embers - leaving a home vulnerable to ignition. Integrating ember-resistant low profile roof vents into your home can protect your home and family from wildfire outbreaks.

Designed to seamlessly blend into your home's roof, BrandGuard's Ember-Resistant Low Profile Roof Vent options are able to meet your home's design aesthetics while providing wildfire protection and proper air circulation. The Low Profile Glider Vent Series has 1/8" mesh on the face and 1/16" mesh on the base which meets Chapter 7A and IWUI Requirements.

Technical Specifications for Low Profile Glider Series

Size (L x H)	Model #	Roof Application	NFVA (Airflow)
22" x 2.5"	LPRV-5000	Shingles	69 sq in
	LPRV-5011	Wide Shingles	69 sq in
	LPRV-5021	Flat Tile and Shake	69 sq in
	LPRV-5031	Flat Tile and Wide Shake	69 sq in
	LPRV-5041	S Tile -DeadSoft Aluminum	69 sq in
10.5" x 2.5"	LPNV-5051	Shingles/Metal NARROW	45 sq in
	LPNV-5061	Flat Tile and Shake/Metal NARROW	45 sq in

Key benefits

-  Flame and Ember Resistant
-  Can be spray painted to match the color of your home
-  Blocks rodents, birds, and insects
-  Standard and custom sizes
-  Easy to install
-  Standard and custom materials

*All Styles are available in: Galvanized, Zincolume, Bonderized Steel, Copper, Pre-Painted Brown, Charcoal, Grey, Terra Cotta, White.

Ridge Vent Slot Insert NEW

Our Ridge vents are to be applied directly into the openings cut into the sheathing. This gives you flexibility to apply your choice of Ridge Vent and Ridge Cap on top as called out by your building plans.

Technical Specifications for Ridge Vents

Size (W x H x D)	Model #	Roof Application	NFVA (Airflow)
60" x 1" x 3/4"	CS1X60	Ridge Vent	45 sq in
60" x 2" x 3/4"	CS2X60	Ridge Vent	60 sq in



Sub Flashing Roof Vents

Engineered with an overlapping baffle design, BrandGuard's Ember-Resistant Sub-Flashing Roof Vents keep lives and properties safe from wind-blown embers and flames.

Installed below any standard low-profile roof vents, mushroom vents, flat roof vents, and turbine vents, BrandGuard's Sub Flashing Roof Vents turn a standard roof vent into a WUI-compliant, ember-stopping Roof Vent.

Key benefits



Flame and Ember Resistant



Can be spray painted to match the color of your home



Easy to install from inside the attic or underneath the vent.



Standard and custom materials



Blocks rodents, birds, and insects



Standard and custom sizes

Technical Specifications

Size (W x L)	Model #	Flange	NFVA (Airflow)
12" x 12"	SB2011	Sub flashing	46 sq in
16" x 16"	SB2021	Sub flashing	86 sq in



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Balcony Inspection Vents

BrandGuard's new, removable, 1hr fire-rated balcony inspection vents make it possible to avoid costly repair work caused by regular inspections.

- + They're designed with a stainless steel hinge.
- + They're WUI Compliant.
- + They're ASTM E119 1 Hour Fire Rated.
- + They're compliant with SB721 & SB326.









The standard removable vents are 4" wide, with a standard length of 60 inches. Custom widths and lengths are available upon request. Typical installation flanges are nail flange front (FF) and stucco flange (PG). Custom installation flanges are also available upon request.

Both versions come with 30-year warranties and have overlapping baffle protection that directs airflow to help prevent rot and resist flame, ember, and radiant heat intrusion.

Technical Specifications

Size (W x L)	Model #	Flange	NFVA (Airflow)
4" x 60"	CS2011-FF Removable	Flange Front	59 sq in
	CS2011-PG Removable	Stucco / Plaster	59 sq in

Key benefits

-  Flame and Ember Resistant
-  Triple Protection
-  Self-Closing and Weather-Tested Intumescent Technology
-  Hinged Design for Easy Inspections
-  Easy to install
-  Blocks rodents, birds, and insects
-  Standard and custom materials
-  Can be spray painted to match the color of your home

Custom sizes and materials available.

Call **949-305-8059** for any additional questions and inquiries.



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Retrofit Process / Installation

It's easy to install Brandguard Vents.

You simply insert one of our retrofit fire- and ember-resistant vents into the opening where the old vent used to be. The vents are held in place with product-appropriate screw fasteners and exterior-approved clear caulking with a minimum 30-year warranty.

New construction and retrofit flanges include:

- + EB (ears back)
- + EF (ears front)
- + FB (flange back)
- + FF (nail flange front) – most often used for retrofitting
- + H (cement board)
- + PG (plaster ground, stucco)

Our new construction flanges easily adapt to all types of siding, and the metal vents are typically painted to match the color of the house. Some people prefer a contrasting color for architectural interest.

Unsure on which flange
type you need?



Please contact our customer service team
online or call **949-305-8059**.

Are you interested in
applying for grants?



Contact your **local Fire Safety Council** to see
if there are grants available to retrofit your
vents.

Looking for installation instructions?

We provide specific vent installation instructions to make
installation as smooth as possible.

Scan the QR code on the right to be taken to our dedicated installation page.



Notes

Handwriting practice area with 20 sets of dashed lines for tracing on a lined background.

Get in touch

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