MARCO INDUSTRIES™

Roofing Ventilation & Accessories

# PRODUCT CATALOG

# KEEPING YOUR ROOF AND EVERYTHING UNDERNEATH SAFE

Marco Industries has demonstrated its value-based commitment to its customers, from the products we offer to the service we provide. Put simply, it drives everything we do.

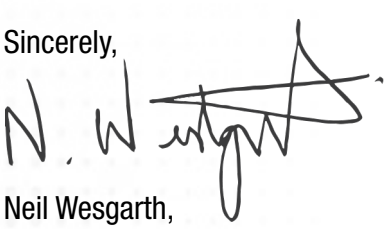
We take seriously our brand promise to customers, which is, value through the roof. By focusing on value-added solutions and services we've been able to grow the breadth of our product offering to an industry leading level.

Our product catalog contains the Marco Weather-Tite Roof SystemTM, a comprehensive line of quality products offering easy installation, remarkable building ventilation resulting in lower energy costs and outstanding warranties. From superior material characteristics to overall product quality, convenient installation and packaging, the Weather-Tite Roof System™ focuses on the business solutions our customers' seek.

Our dedication to customer service and product excellence has resulted in Marco being awarded Rural Builders Gold Key awards year-after-year, plus multiple Top 10 Product Awards.

Your business is valued at Marco. Thank you for joining us on our continuous journey to develop and deliver value-added products and services for the Metal Roofing Industry.

Sincerely,



Neil Wesgarth,
President

## Investing in Quality

For more than 30 years, we have made the best ventilation and accessories for all roofs. This competitive advantage allows us to use specially formulated polyester in our ventilation products - manufactured from recycled material - to prevent moisture absorption and to help keep dust, dirt, and bugs out of your attic. Marco's ventilation line offers several options when it comes to ridge vents or static vents. Our full and innovative line offers venting solutions that are environmentally friendly while offering superior performance and easy installation.

## Tested Tough

We invest heavily in testing to ensure our products are safe, reliable and consistently high quality. Our ongoing partnership with one of the nation's leading materials and product qualification testing labs augments Marco's own internal quality control measures and performance testing. Accredited by A2LA/ISO 17025 and others, the lab tests Marco against competitive products to validate performance, durability, quality and additional important measures. This data is not only used by our engineers in product development, it provides third-party confirmation of our products' superior performance. Which is why Marco products always come with a little something extra: peace of mind.

## Perfectly Positioned to Deliver

Our corporate headquarters and almost 220,000 square feet of made in the USA manufacturing and warehousing are centrally located in Tulsa, Oklahoma. From here, and through several distribution facilities across North America, we deliver Marco quality coast to coast.

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## VENTILATION

# PRODUCT TABLE OF CONTENT



## CLOSURE



## FLASHING



## ACCESSORIES

— VENTILATION —

MARCO INDUSTRIES™

Roofing Ventilation & Accessories

# LP2™ LOW PROFILE RIDGE VENT

## ECO-FRIENDLY INVISIBLE RIDGE VENT

It fits in almost all major metal roofing pitches and profiles because of its unique shape.

40 YEAR WARRANTY

## Features:

- Can be made at any angle, it will fit any metal roof profile.
- Made from crosslink polyethylene foam the same as M-Cell closures.
- Closures doesn't bleed, dry out, or dissolve with weather and UV exposure.
- 1-1/2" thick foam increases the strength of the belveled closure.
- Closures are an easy replacement for caulking and polyuethane strips.
- Anglekut Easy Order Form.

## EXPAND YOUR ROOFING SYSTEM PERFORMANCE

PREVENT LEAKS • PROTECT PROPERTY • ASSURE VENTILATION

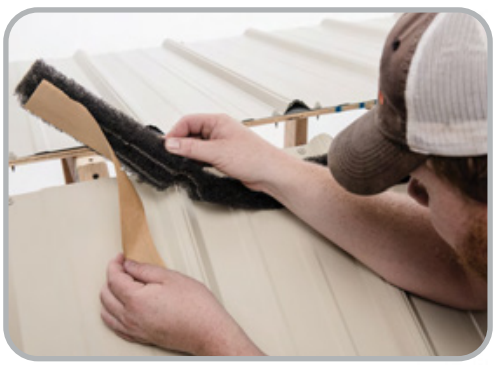
# INSTALLATION INSTRUCTIONS

## VALUE DRIVES EVERYTHING WE DO

Value drives everything we do. That's why we developed a comprehensive line of ventilation products that offer easy installation, remarkable building ventilation, lower utility costs, extended roof deck life, extreme durability, and outstanding warranties. Get more quality, more performance, and more value…from Marco Industries.™

### Step 1:

Allow a 2" slot at the ridge of the metal roof for ventilation. apply the LP2 ridge vent to metal roof by removing the backing paper.



### Step 2:

Align LP2 1/2"-1" up-slope from the edge of the ridge cap. Place onto metal roof with adhesive side down. Be sure LP2 Ridge Vent is in place the first time, the adhesive makes it hard to move.

### Step 3:

To attach consecutive LP2 Vents, butt fit pieces together, sealing with Marco's Weather-Tite Metal Roof Sealant. Place ridge cap over LP2. Secure with Marco QuickGrip/QuickDrill fasteners through metal roof ridge locations, using screw bed locations to avoid penetrating the LP2 insert material.

## Specs*

### Overall

**Net Free Area:** Varies with profile based on 17 square inches per linear foot of ventilation material

**Dimensions:** Varies with profile

**Air Permeability:** >760 cubic feet per minute

**Cold Cracking:** -25° F

**Tear & Tensile Strength:**
Machine 25 ppi / Counter 25 ppi

**Compressive Strength:** 1.8 psi at 75%

**Rain:** No leakage

### Closure Material

**Nominal Density-Skin/Skin (BS ISO 7214 1998):** 24 kg/m3

**Compression Stress-Strain (BS ISO 7214 1998)**

**10% compression:** 34 kPa

**25% compression:** 53 kPa

**40% compression:** 85 kPa

**50% compression:** 118 kPa

**Shore Hardness 00 Scale, 10 mm Cell/ Cell Thickness (ISO 868 1985):** 50 00

**Thermal Conductivity — Mean Temp of 10° C (ISO 8302 1991):** 0.0392 W/m.K

**Flammability — Automotive (FMVSS.302-Burn Rate):**
Pass 12 mm & thicker <100mm/min

**Flammability — Horizontal Burn Rate (ISO 7214 1998):** 5 mm thick, 2.1 mm/ sec and 13 mm thick, 1.5 mm/sec

### Python Material

**Net Free Area:** Varies with profile based on 17 square inches per linear foot of ventilation material

**Dimensions:** Varies with profile

**Cold Cracking:** -25° F

**Compressive Strength:** 1.8 psi at 75%

**Rain:** No leakage

**Air Permeability:** (ASTM D737) 760 cubic feet per minute

**Tear & Tensile Strength:** (Tear: ASTM D1294-86, Tensile: ASTM D2261-83
Machine 25 ppi / Counter 25 ppi

**Self-Ignition Temperature:** (ASTM D1929) 963° F

Made with Recycled Material

40 YEAR

PROUDLY MADE IN NORTH AMERICA

MARCO INDUSTRIES™

Roofing Ventilation & Accessories

# FlexPro Ridge Vent

**PROFILE-CUT VENTING MATERIAL**

Save on energy costs while protecting your building from moisture, pests and dust with FlexPro,™ exclusively from Marco.

40 YEAR WARRANTY

## Features:

- Effective rib-cut profile fits most metal roofs.
- High density ensures quick, full material recovery after installation.
- Eliminates condensation and prevents moisture, pest and dust from entering the structure.
- Easy, one-person installation.
- Reduces utility bills through added attic ventilation.
- 2 beads of M63 Marco proprietary adhesive for superior hold.
- Available in box or roll quantities.
- A profile-cut strip or roll designed to fit most roof panels.
- Green Product.

## EXPAND YOUR ROOFING SYSTEM PERFORMANCE

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# INSTALLATION INSTRUCTIONS

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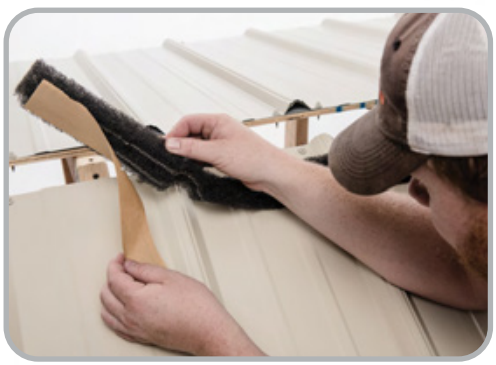
## EASY INSTALL

See our installation online at marcoindustries.com

To install FlexPro, simply peel and stick the product to the metal roof, careful to match the custom-cut contours to roof ridges. Next put the ridge cap in place and fasten down-slope from the FlexPro product (shown below):



### Step 1:

Flexpro comes in various panel configurations, roll and stick package options. apply the Flexpro ridge vent to metal roof by removing the backing paper.

### Step 2:

Align the FlexPro Ridge Vent 1/2"-1" up-slope from the edge of the ridge cap. Place onto metal roof with adhesive side down. Note that the adhesive is strong and once put in place it will be hard to move. Be sure the FlexPro Ridge Vent is in place the first time.

### Step 3:

When attaching consecutive FlexPro Vents, butt fit the pieces together. Marco Weather-Tite Metal Roof Sealant can be used to seal the butt joint. Place ridge cap over FlexPro. Secure in place with Marco QuickGrip/QuickDrill fasteners; fasten through the metal roof ridge locations, avoiding penetrating the FlexPro material, using a min. 3300 rpm screw gun.



Marco's proprietary M63 continuous double-bead adhesive is key to quick, easy FlexPro installation.

**SPECS:**

**Net Free Area:** FlexPro Panel Fit - 1-1/8" free-standing product, NFA 26 sq. in.*

**Available in:** 3' stick, 20' and 50' rolls

**Air Permeability:** >800 cubic feet per minute

**Tear Strength:** 3.5 ppi

**Tensile Strength:** 16 psi – Elongation 175%

**Compressive Strength:** 1.8 psi at 75%

**ASTM Testing:** D1929, D737

*Effective Net Free Area varies based on product height, panel profile, and installation methods.

Made with Recycled Material

40 YEAR WARRANTY

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# Flex-O-Vent

## PROTECTS & LAST LIKE NO OTHER

Flex-O-Vent is a long-term air flow solution, that lowers utility costs, complies with building codes, and decreases the damage that improper ventilation can do to buildings.

40 YEAR WARRANTY

## Features:

- Won't absorb moisture, which can freeze and block all ventilation
- M63 Marco proprietary adhesive for superior hold
- Prevents moisture, pest and dust from entering the structure
- Easy, one-person installation.
- ASTM testing: D1929, D737
- Most economical polyester-based ventilation product.
- Available in 10' and 20' rolls and multiple packaging options
- 40-year limited warranty
- Green Product

## EXPAND YOUR ROOFING SYSTEM PERFORMANCE

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## EASY INSTALL

See our installation online at marcoindustries.com

With Flex-O-Vent, one size fits most panels. Installation is a simple three-step process easily handled by one installer. Flex-O-Vent comes in easy-to-handle 10-foot rolls (mirroring most ridge cap lengths) or larger 20-foot rolls if you prefer. It is easily cut with scissors or utility knife and a double bead of M63 adhesive holds Flex-O-Vent securely in place until the ridge cap is installed.

### Step 1:

Make sure panel is free of dust and debris. If not pre-cut, cut 2" slot at ridge. Measure and mark where the ridge cap will sit on the panel.

### Step 2:

Start from the end of the ridge, rolling out Flex-O-Vent along the length of the ridge (both sides), making sure the vent sits "up-slope" from the edge of the ridge cap.

### Step 3:

Apply ridge cap, compressing material between the ridge cap and major rib. Fasten at the major rib using a screw gun set to at least 2700 rpm.

### SPECS:

Net Free Area: FOV - 1" free-standing product, NFA 23 sq. in.*
1-1/2" x 3" x 10: Rib heights up to 1-1/4"
1-1/2" x 2" x 10: Rib heights up to 1-1/4"
1" x 3" x 10': Rib heights up to 3/4"
1" x 2" x 10': Rib heights up to 3/4"
Air Permeability: >760 cubic feet per minute
Cold Cracking: -55˚ C (-130˚ F)
Compression Strength: 1.8 psi at 75%
Tensile Strength:16 psi – Elongation 175%
Tear Strength: 3.5 ppi
Abrasion: No Damage

*Effective Net Free Area varies based on product height, panel profile, and installation methods

Marco's proprietary M63 continuous double-bead adhesive is key to quick, easy Flex-O-Vent installation.

FLEX-O-VENT

Made with Recycled Material

40 YEAR WARRANTY

PROUDLY MADE IN NORTH AMERICA



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# Python Weather-Tite™ Rolled Ridge Vent


## KEEPING YOUR ATTIC COOL, DRY & VENTILATED

The Rolled Ridge Vent is economical, quick to install and will keep out insects, dust and moisture, extending the life of your roof.

LIMITED LIFETIME WARRANTY

## Features:

- Resists damage from ice, hail, and other weather. No warping and less loosening problems
- Installer friendly, its light flexible and comes in 20' and 50' rolls
- No waste. Cut and use what you need
- Effectively Blocks - Insects, bats, birds, and wind borne debris, dust and dirt
- No clogs, deterioration, or dirt and snow snow trapping
- Prevents mold and mildew
- Reduces air conditioning maintenance costs
- Eliminates damaging ice dams in winter
- Extend shingle and roof deck life

## EXPAND YOUR ROOFING SYSTEM PERFORMANCE

**PREVENT LEAKS • PROTECT PROPERTY • ASSURE VENTILATION**

# INSTALLATION INSTRUCTIONS

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## EASY INSTALL

See our installation online at marcoindustries.com

1. Use on a minimum 3/8" (10 mm) plywood or OSB decking.
2. Cut a 2" (51 mm) slot along the ridge, 1" (25.4 mm) on each side. Leave uncut (closed) sheathing area of 6"(152 mm) at each end of the ridge. Cut through sheathing only, avoiding roof trusses. (In houses with a ridgeboard, cut 3½" (89 mm) slot, 1¾ on each side.
3. Where short ridges (dormers, ridge intersections) are used, mark and cut the slot and make sure that the end of the opening stops at least 12" (305 mm) from the ridge intersection.
4. Uncoil Python Single Layer Vent along the entire length of the ridge, covering uncut 6" (152mm) sheathing area on both ends. Shorter lengths can be joined by caulking and butting the end.
5. Install cap shingles directly over Python Single Layer Vent. Use included 1¾" (44.4mm) coil nails. Python Single Layer Vent has a ¾" (19.1mm) nominal thickness. Be sure not to crush or compress the vent during installation.

SPECS:

Net Free Venting Area: ¾" thick: 17.5 sq. in. per lineal foot of ridge
Ridge Vent Roll Sizes: ¾" x 8" x 20', ¾" x 10.5" x 20' ¾" x 11.75" x20', ¾" x 10.5"x 50', ¾" x 11.75" x 50'
Material: Highly durable and high performing non-woven, non-wicking modified polyester. Made with over 90% recycled plastic and 30% post-consumer content
Codes & Standards: FBC, and CSA approvals
Color: Dark Grey
Nails: Coil of 1¾" Nails (Nails included)
Roof Pitch: Conforms to any pitch from 2/12 to 20/12
Pack Unit of Measurement: 1 per bag
Air Permeability: (ASTM D737) 760 cubic/minute
Tear Strength: ASTM D1294-86
Tensile Strength: ASTM D2261-83, Machine 25 ppi / Counter 25 ppi
Cold Crack Resistance: (GLIT C115) -25°F
Snow Infiltration: (CRL 5704) Zero
Self-Ignition Temperature: (ASTM D1929) 963°F
Weathering: UV stable, polyester composite
Maintenance: Properly installed, maintenance free


Made with Recycled Material

PROUDLY MADE IN NORTH AMERICA

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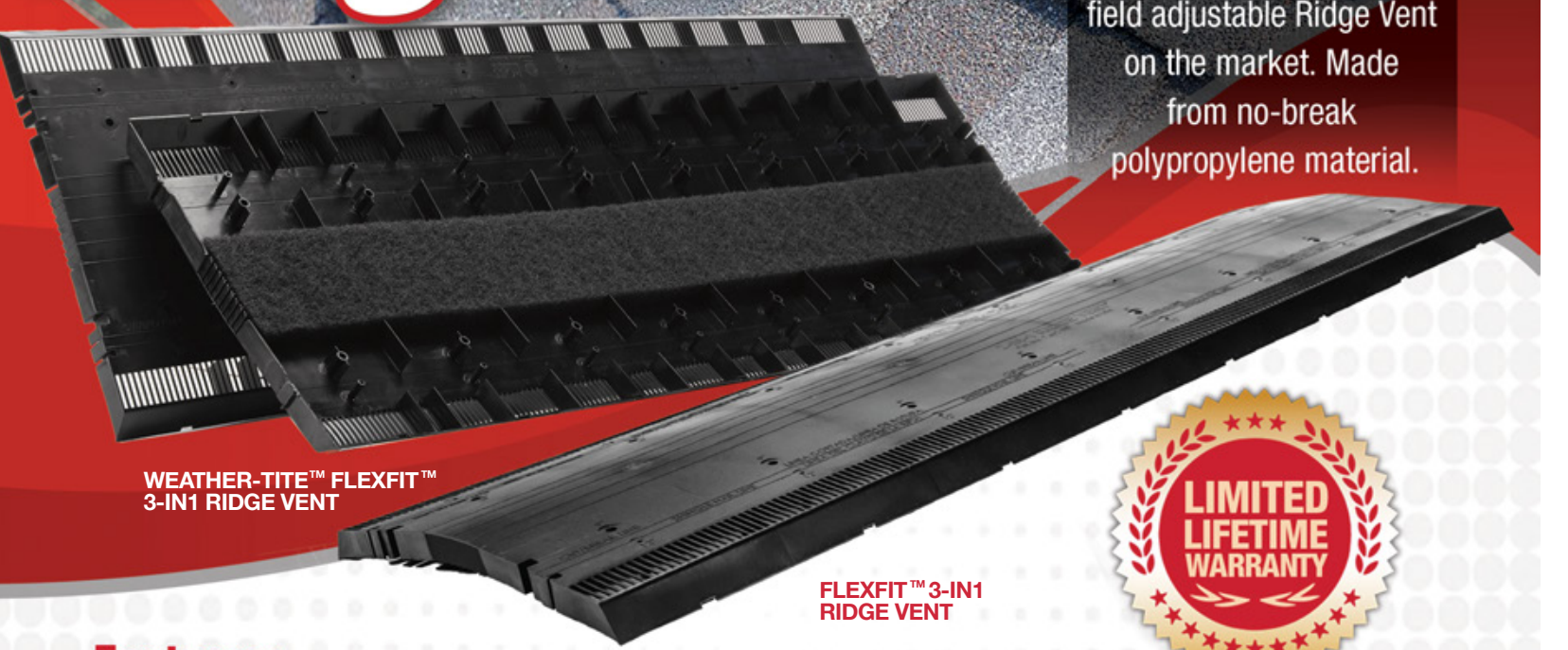
# Flexfit™ 3-IN-1 Ridge Vent

## SUPERIOR ATTIC VENTILATION

The most innovative field adjustable Ridge Vent on the market. Made from no-break polypropylene material.



WEATHER-TITE™ FLEXFIT™ 3-IN1 RIDGE VENT

FLEXFIT™ 3-IN1 RIDGE VENT

LIMITED LIFETIME WARRANTY

## Features:

- Converts from 12" to 10"or 9" ridge vent by simply scoring the groove on the top of the vent.
- Built-in self-closing end caps, no additional parts or labor required.
- Prevents mold and mildew.
- Closed external baffles make it less likely to collect debris resulting in diminished airflow.
- Includes 30 - 3" roofing nails attached to each piece for installation.
- Extends shingle and roof deck life.
- Suitable for any pitch from 2/12 to 12/12.
- 84 Square Inches of Net Free Venting Area per piece.
- Eliminates damaging ice dams in winter.

## EXPAND YOUR ROOFING SYSTEM PERFORMANCE

**PREVENT LEAKS • PROTECT PROPERTY • ASSURE VENTILATION**

# INSTALLATION INSTRUCTIONS

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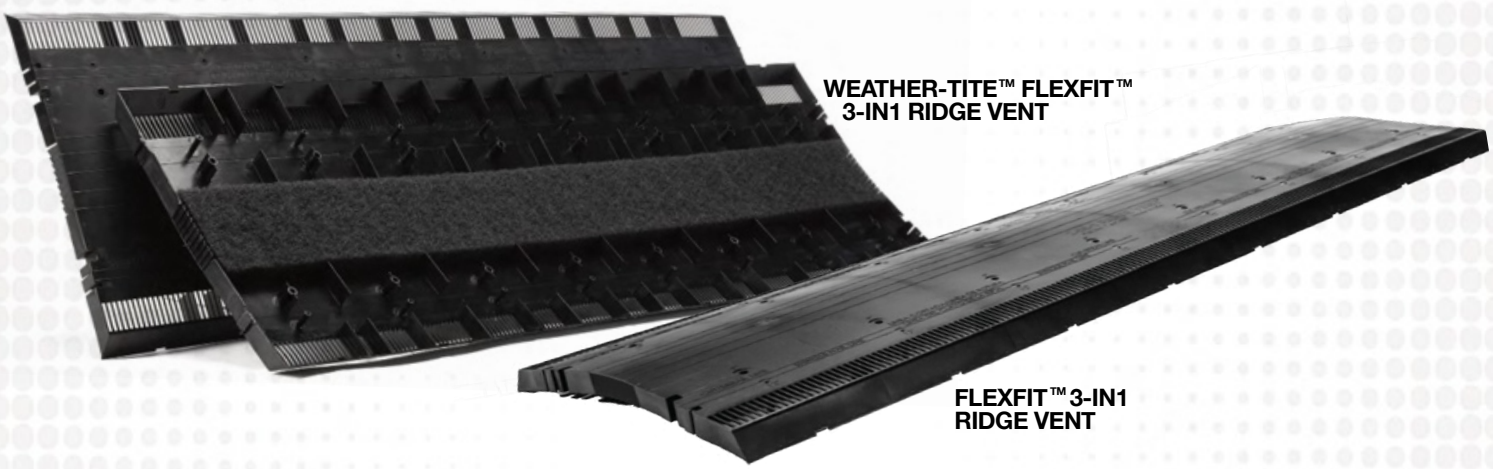
## EASY INSTALL

See our installation online at marcoindustries.com

1. Using a chalk line, mark 1" on both sides of the ridge (1" beyond ridge pole) as a guide for cutting a slot in the decking.
2. Cut a slot in the roof ridge using a circular saw with the blade set at a depth to cut through the roof decking only- avoid cutting trusses and rafters.
3. Center the FlexFit™ 3-IN-1 Ridge Vent over the slot that has been cut in the ridge, ensuring that the Ridge Vent support pegs sit flat on the roof. To ensure proper alignment along the ridge, run a chalk line down both sides of the ridge.
4. Using roofing nails provided, install the vent starting from the outer edge moving inward. Properly secure by using the 12" nail holes.
5. As you install more pieces of the Ridge Vent, ensure that each piece is joined together using the male/female connectors.
6. Cut the final piece to a length long enough so that it is flush with the edge of the roof. Ensure that the self-closedend cap is facing out to prevent weather infiltration. Interlocking feature will not be used on the final piece.
7. Install the cap shingles using the nails provided in the "shingle nail line" area for cap shingle installation as indicated on the FlexFit™ 3-IN-1 Ridge Vent. Visit MarcoIndustries.com for 10" and 9" Cap Shingle Installation.




SPECS:

Net Free Area: 84 Square Inches of NFVA
Dimensions: Width 15-1/2" x Length 48"
Material: No break polypropylene
Codes & Standards: CSA
Roof Pitch: Conforms to any pitch from 2/12 to 12/12
Color: Black
Nails: Bag of 30 - 3" nails
Patents: US Pat No. 7,662,037, US Pat No. 9,175,480, US Pat No. D694,394, Canada Pat No. 2,776,653

Pack Unit of Measurement: 10 per carton
Contruction Details: Closed external baffles with self closing end caps
Intaller Detail: Shingle nail lines for easy installation
Nail Holes: Reinforced to prevent deformation and crushing
Approvals: FBC FL38704, TDI RV-125

Made with Recycled Material

MIAMI- DADE COUNTY APPROVED
Manufactured in Apopka, FL

MARCO INDUSTRIES™

Roofing Ventilation & Accessories

# Shingle Gooseneck Vent

## OUTSTANDING PERFORMANCE

The only Gooseneck Vent of its kind to pass the Standard TAS 100 Wind-Driven Rain Test

25 YEAR PRORATED

## Features:

- High Quality & Durability - Reduces customer call-backs.
- Internal baffle offers a third line of defense against wind-driven rain.
- Promotes superior airflow and makes it ideal for kitchen or bathroom exhausts.
- Interior louver panel captures any moisture directing it to vent pan away from the attic.
- Suitable for any roof pitch from 3/12 to 12/12.
- Keeps insects and critters out.
- High Quality & Durability - Reduces customer call-backs.

## EXPAND YOUR ROOFING SYSTEM PERFORMANCE

**PREVENT LEAKS • PROTECT PROPERTY • ASSURE VENTILATION**

# INSTALLATION INSTRUCTIONS

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## EASY INSTALL

See our installation online at marcoindustries.com

1. When installing vents on an existing shingle roof: remove shingles immediately around sides and top of opening to provide space to install vent as per instructions below.
2. Shingle courses should be installed close to the deck opening so that the front flange of the vent completely covers exposed section of shingle.
3. Position the vent to cover the last course of shingles at the sides and bottom of the opening. Center the vent over the opening in the deck. Apply an industry approved sealant under front flange of vent.
4. Fasten side and top flanges securely with minimum 1.25" standard roofing nails spaced 4" on center and 1.5" from outer edge of flange.
5. Apply roof cement on side and top flanges. Completely cover flanges 2" beyond flange onto underlayment with ¼" thick bed of plastic roof cement or equal.
6. Install shingles, cut to fit so flanges are completely covered. Press into place to ensure a complete bond of cement to the shingles. Fasten shingles with nails as per shingle manufacturer's instructions.

*Tip: Pre-cut shingles to fit prior to applying roof cement.*
*Then remove cut pieces, apply roof cement, and install shingles per above.*

**SPECS:**
**Dimensions:** Width 19-3/16" x Height 7 1/2"
**Material:** 26 - gauge galvalume
**Codes & Standards:** FL Building Code
**Roof Pitch:** Conforms to any pitch from 3/12 to 12/12
**Color:** Black, Weather Wood, Galvalume
**Patents:** Pending
**Sizes:** 4", 6" and 10"
**Vent Hood:** Mini louvers in lower portion of hood block water.
**Interior Louver Panel:** Acts as second water barrier.
**Internal Baffle:** Placed at the top of the vent pan, the internal baffle is the third line of defense against water intrusion.

FPA

*Not to be Used as a Laundry Vent.*

PROUDLY MADE IN NORTH AMERICA

MARCO INDUSTRIES™

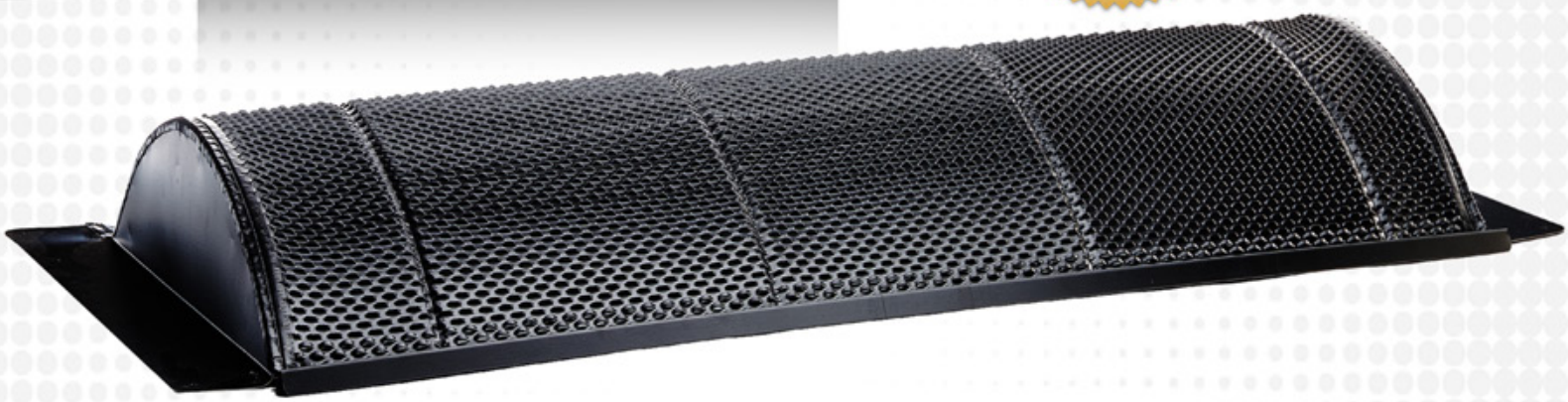
Roofing Ventilation & Accessories

# Shingle Off-Ridge Vent

**BUILT TO LAST**

Eliminating water infliration while providing 100 square inch Net Free Venting Area per 4' unit.

25 YEAR PRORATED



## Features:

- Zero water entry at 110 MPH wind-driven rain.
- No additional external baffle is needed in the front of vent, saving time and money.
- Reduces air conditioning maintenance and utility costs.
- High Quality & Durability - Reduces customer call-backs.
- Suitable for any roof pitch from 3/12 to 12/12.
- Keeps insects and critters out.

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## EASY INSTALL

See our installation online at marcoindustries.com

1. Space vent openings evenly across ridge. The opening size should be a minimum of a 2½" by 46" cut between two sets of rafters. Note: Do not cut into rafters.
2. If shingle have previously been installed on the roof, remove the shingles around sides and top of opening to provide space to install vent as per instructions.
3. Shingle courses should be installed close to deck opening so that the front flange of the vent completely covers unexposed section of shingle.
4. Position the vent to cover the last course of shingles, leaving the proper exposed section of shingle at the side flanges of vent. Center vent over the opening of the deck. Apply approved sealant under front flange of vent.
5. Fasten side and top flanges securely with minimum 1¼" standard roofing nails. Space nails approximately 4" on the centern and approximately 1½" from outer edge of flange.
6. Secure the bottom flange with provided wood screws. Space screws evenly no more than 18" apart. A 4 ft. vent will require a minimum of 2 screws.
7. Apply roof cement on side and top flanges. Completely cover flanges 2" beyond flange onto underlayment with ¼" thick bed of plastic roof cement.
8. Cut shingles to fit so flanges are completely covered. Press shingles into place to ensure they are bonded to the cement. Fasten shingles with nails per shingle manufacturer's instructions.

SPECS:
Dimensions: Width 23 1/2" - x Height 3 1/4"
Material: 26 - gauge galvalume
Codes & Standards: FL Building Code
Roof Pitch: Conforms to any pitch from 3/12" to 12/12"
Color: Black, Weatherwood, Galvalume
Patents: Pending

Nominal Lengths: 4'

Screws: 1 3/4" Wood Type for Bottom Flange (not included)
Vent Hood: Mini louvers in lower portion of hood block water.
Interior Louver Panel: Mini louvers in opposite direction to louvers on lower portion of hood as second water barrier
Internal Baffle: Placed at the top of the vent pan, the internal

MARCO INDUSTRIES™

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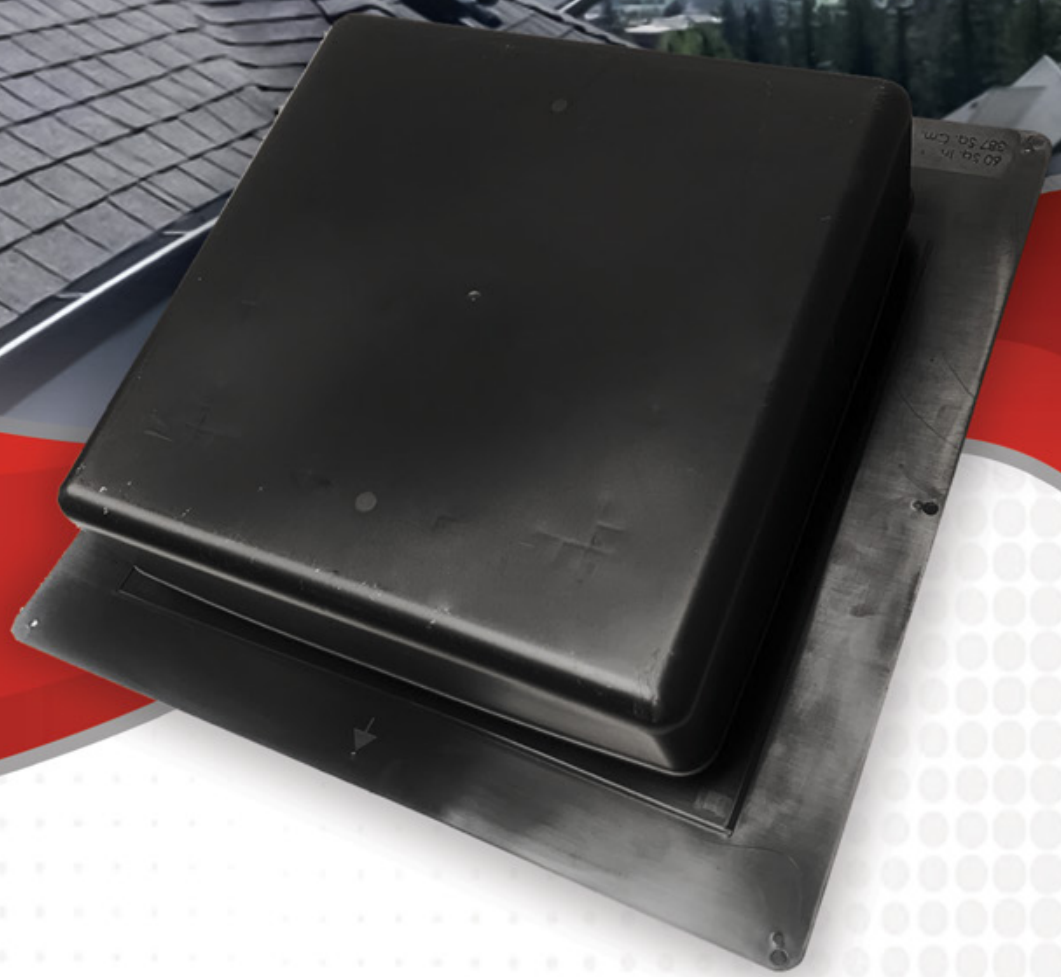
# 50 Square Vent

## EXCEPTIONAL PERFORMANCE

The only static vent on the market with a turned down baffle. This creates wind turbulence and keeps wind-driven rain, insects, vermin and debris out of the attic.



LIMITED LIFETIME WARRANTY

## Features:

- A square vent made with no-break polypropylene material that provides 50 square inches of NFA (Net Free Area) per vent.
- The turned down baffle is made possible with living hinge technology, meaning the baffle is molded and then folded into place during vent assembly.
- Can be installed over standard size holes on re-roofs and it's low profile design makes it more discreet and enhances curb appeal.

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# INSTALLATION INSTRUCTIONS

## VALUE DRIVES EVERYTHING WE DO

Value drives everything we do. That's why we developed our Steep Slope Ventilation Division. This comprehensive line of products offer easy installation, remarkable building ventilation, lower utility costs, extended shingle and roof deck life, extreme durability, and outstanding warranties. Get more quality, more performance, and more value… from Marco Industries™

## EASY INSTALL

See our installation online at marcoindustries.com

1. Locate the roof vents toward the rear or side of the house spaced evenly over the width of the roof.
2. Mark the location of all roof vents before cutting holes. Cut the hole in the roof deck to closely match the hole in the vent. Center the holes between the rafters down two feet (24") from the peak of the roof. When installed as an intake vent, position vent at two feet (24") from the eave or edge of the roof. Ensure that attic insulation does not block intake vent.
3. Install shingles until the bottom of the hole is covered. Cut the excess shingles away. Apply an approved sealant around the edge of the hole.
4. The top of the vent has an arrow at the top of the flashing to install facing the ridge. Ensure that the vents are installed to the up-arrow position.
5. Secure the vent base with a minimum of 6 galvanized nails. Nails should be a minimum of 1¼" long and should penetrate the vent, shingle, and decking. Secure a nail in each corner of the vent flashing and along the middle of each side of the vent.
6. For proper sealing, use a plastic-friendly roofing sealant. All nails should receive a dab of sealant.
7. Install shingles around the vent ensuring that the shingles butt up against the throat of the vent.
8. Pre-cut the top shingle to fit around the top side of the vent throat and nail in place. Install shingles as normal.

SPECS:
Net Free Area: 50 square inch per vent
Material: No break polypropylene
Codes & Standards: CSA
Roof Pitch: Conforms to any pitch from 3/12 to 12/12
Color: Black, Brown, Weather Wood
Patents: Pending
Height: 4.45 inches
Flashing SIze: 17.75" x 17.75"
Hood Dimensions: 13" x 13"

PATENT PENDING

MIAMI-DADE COUNTY APPROVED
Manufactured in Apopka, FL

FPA

PROUDLY MADE IN NORTH AMERICA



MARCO INDUSTRIES
Roofing Ventilation & Accessories

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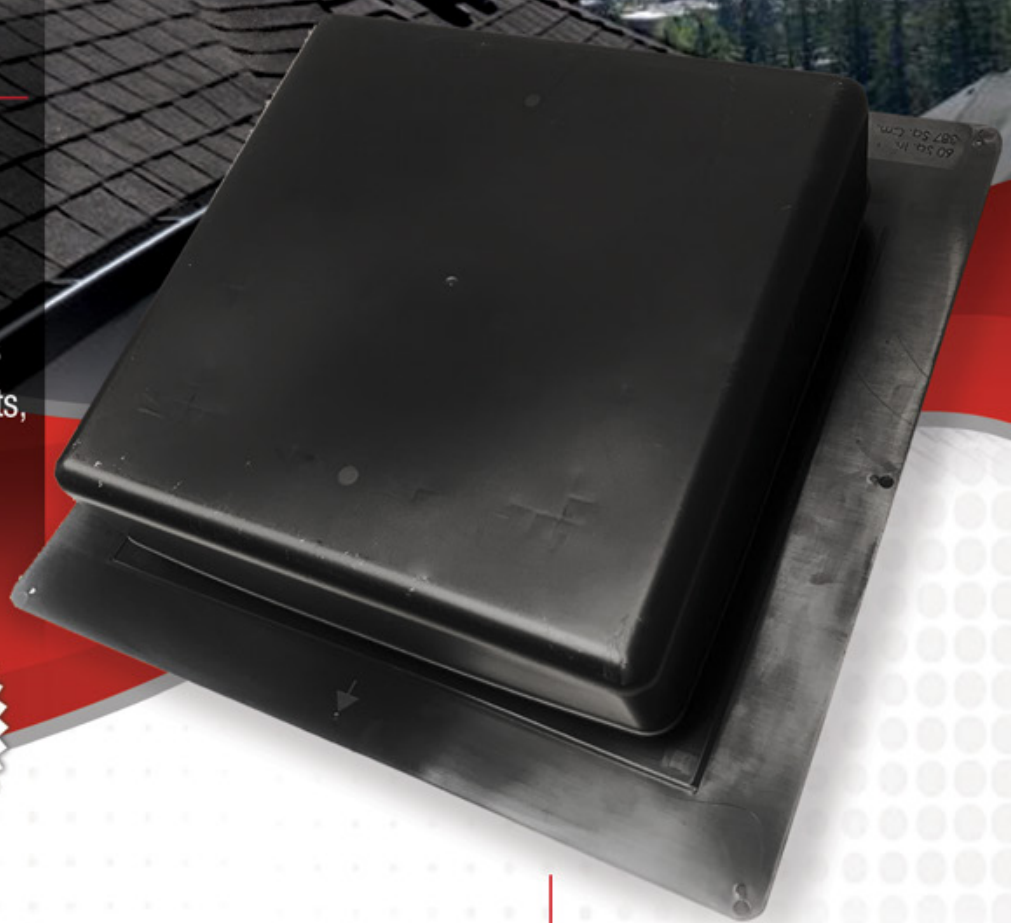
Roofing Ventilation & Accessories

# Weather-Tite™ 60 Square Vent

## EXCEPTIONAL PERFORMANCE

The only static vent on the market with a turned down baffle. This creates wind turbulence and keeps wind-driven rain, insects, vermin and debris out of the attic.



LIMITED LIFETIME WARRANTY

## Features:

- A square vent made with no-break polypropylene material that provides 60 square inches of NFA (Net Free Area) per vent.
- The turned down baffle is made possible with living hinge technology, meaning the baffle is molded and then folded into place during vent assembly.
- Can be installed over standard size holes on re-roofs and it's low profile design makes it more discreet and enhances curb appeal.

## EXPAND YOUR ROOFING SYSTEM PERFORMANCE

**PREVENT LEAKS • PROTECT PROPERTY • ASSURE VENTILATION**

# INSTALLATION INSTRUCTIONS

## VALUE DRIVES EVERYTHING WE DO

Value drives everything we do. That's why we developed our Steep Slope Ventilation Division. This comprehensive line of products offer easy installation, remarkable building ventilation, lower utility costs, extended shingle and roof deck life, extreme durability, and outstanding warranties. Get more quality, more performance, and more value… from Marco Industries™

## EASY INSTALL

See our installation online at marcoindustries.com

1. Locate the roof vents toward the rear or side of the house spaced evenly over the width of the roof.
2. Mark the location of all roof vents before cutting holes. Cut the hole in the roof deck to closely match the hole in the vent. Center the holes between the rafters down two feet (24") from the peak of the roof. When installed as an intake vent, position vent at two feet (24") from the eave or edge of the roof. Ensure that attic insulation does not block intake vent.
3. Install shingles until the bottom of the hole is covered. Cut the excess shingles away. Apply an approved sealant around the edge of the hole.
4. The top of the vent has an arrow at the top of the flashing to install facing the ridge. Ensure that the vents are installed to the up-arrow position.
5. Secure the vent base with a minimum of 6 galvanized nails. Nails should be a minimum of 11⁄4" long and should penetrate the vent, shingle, and decking. Secure a nail in each corner of the vent flashing and along the middle of each side of the vent.
6. For proper sealing, use a plastic-friendly roofing sealant. All nails should receive a dab of sealant.
7. Install shingles around the vent ensuring that the shingles butt up against the throat of the vent.
8. Pre-cut the top shingle to fit around the top side of the vent throat and nail in place. Install shingles as normal.

SPECS:
Net Free Area: 60 square inch per vent
Material: No break polypropylene
Codes & Standards: CSA, CCMC
Roof Pitch: Conforms to any pitch from 3/12 to 12/12
Color: Black, Brown, Weather Wood
Patents: Pending
Height: 4.45 inches
Flashing SIze: 17.75" x 17.75"
Hood Dimensions: 13" x 13"

PATENT PENDING

MIAMI-DADE COUNTY APPROVED
Manufactured in Apopka, FL

FPA

PROUDLY MADE IN NORTH AMERICA



MARCO INDUSTRIES
Roofing Ventilation & Accessories

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Roofing Ventilation & Accessories

# 150 Round Vent

## A HIGHLY EFFICIENT AIR VENT

That offers 150 square inches of net free venting area, for use on larger roofs. The 150 will not rust, dent or break.

LIMITED LIFETIME WARRANTY

## Features:

- Suitable for any pitch from 2/12 to 16/12.
- Higher NFA means fewer roof penetrations.
- Requires a square cut out which is easier to cut on a roof.
- No sharp edges - safer to handle.
- Comes in three colors: Black, Brown, and Weatherwood.
- Made of high impact Polypropylene with heat stabilizers and UV inhibitors throughout.
- 26" x 26" size - easy to install.
- Virtually indestructible. No flange bending or denting of dome.
- Green Product.

## EXPAND YOUR ROOFING SYSTEM PERFORMANCE

**PREVENT LEAKS • PROTECT PROPERTY • ASSURE VENTILATION**

# INSTALLATION INSTRUCTIONS

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## EASY INSTALL

See our installation online at marcoindustries.com

1. Locate the roof vents on the rear or side of the house evenly spaced on the width of the roof.
2. Mark the location of all roof vents before cutting holes. Center the holes between the rafters down at least two feet (24") from the peak of the roof.
3. Holes should be cut 17½" Hight x 15½" Wide. 150 Round Vent box has a template for error proof installation. Using the template mark the outline for the hole on the roof. The hole in the roof cannot be larger than the hole in the bottom of the vent.
4. Shingle up until shingles cover the bottom of the hole. Cute the excess shingles away. Because shingles are part of a porous system applying an approved sealant around the edge of the hole is required.
5. The top of the 150 Round Vent has a molded in peak. Ensure that the vents are installed with the peak at the UP position.
6. Secure the vent base with a minimum of 8 galvanized nails. Nails should be a minimum of 1¼" long and must penetrate the vent, shingle, and decking. Secure a nail in the each corner of the vent flashing and along the middle of each side of the vent.
7. To seal the vent, use a plastic friendly roofing sealant. All nails must also receive a dab of sealant.
8. Shingle up and around the vent ensuring that the shingles butt up against the throat of the vent.
9. Pre-cut the top shingle to fit around the cricket of the vent and nail in place. Shingle up as normal to complete installation.

**SPECS:**

**Dimensions:** Width 26" x Length 26"x Height 6.97"
**Patents:** US Pat No. 7,544,124, US Pat No. 7,780,510, US Pat No. 10,415,252
**Contruction Details:** With heat stabilizers and UV inhibitors throughout
**Durability:** Will not dent or rust, UL 2218: Class 4 Impact Resistance
**Codes & Standards:** TDI, FL Building Code, CSA
**Roof Pitch:** Conforms to any pitch from 2/12 to 16/12
**Color:** Black, Brown, Weather Wood
**Material:** No-break polyproproylene
**Vent Weight:** 4.34 lbs per piec
**Pack Unit of Measurement:** 1 per carton

Made with Recycled Material

PROUDLY MADE IN NORTH AMERICA

MARCO INDUSTRIES™

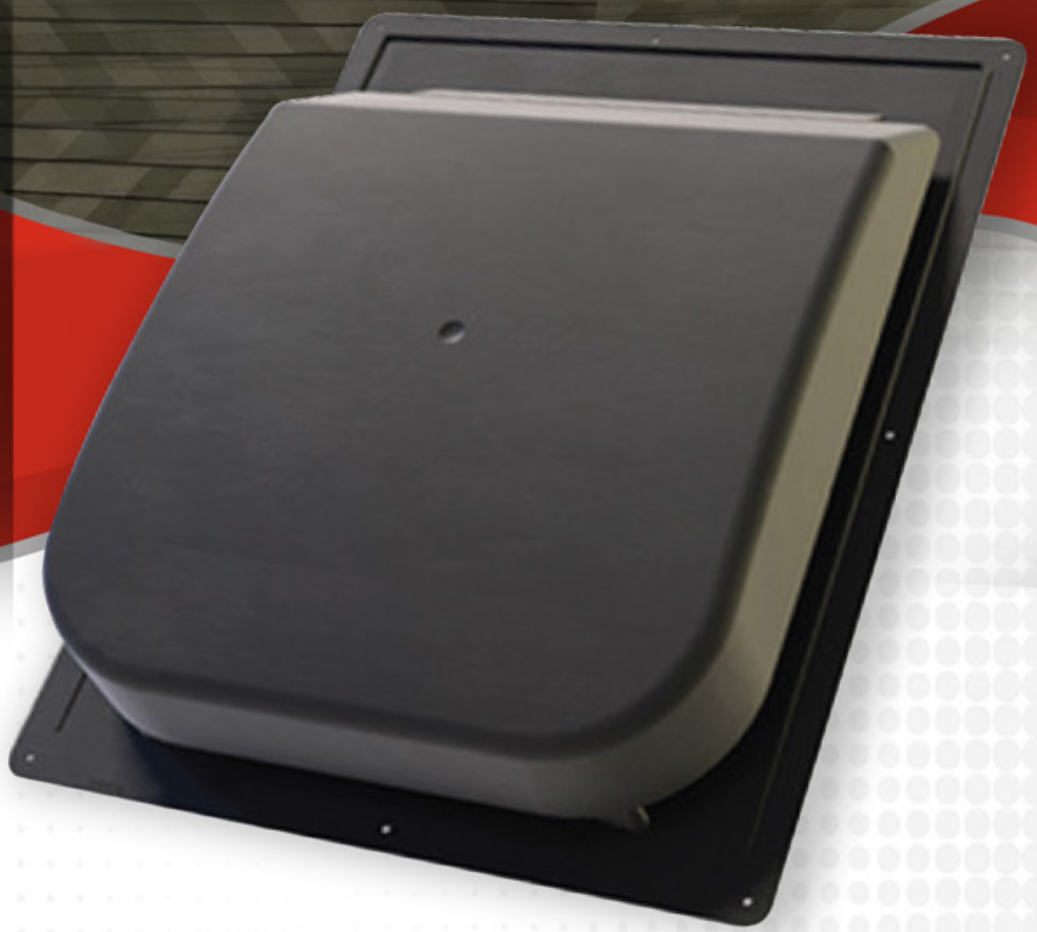
Roofing Ventilation & Accessories

# 65 Slant Back Vent

## A TWO-IN ONE VENTILATION SOLUTION

A intake & exhaust vent that offers 65 square inches of Net Free Venting Area, that is both durable and visually appealing.

LIMITED LIFETIME WARRANTY



## Features:

- Arrow locking mechanisms: prevents cap blow offs.
- High density ensures quick, full material recovery after installation.
- Higher NFA means fewer roof penetrations.
- 17" x 22" size for easy installation.
- Reduces utility bills through added attic ventilation.
- 4 Side Crickets: sheds water around the throat of the vent, making it virtually leak proof.
- Prevents mold and mildew.
- Suitable for any pitch from 2/12 to 16/12.
- High wind deflector: located at the throat bottom - prevents wind driven rain from entering the vent.

## EXPAND YOUR ROOFING SYSTEM PERFORMANCE

**PREVENT LEAKS • PROTECT PROPERTY • ASSURE VENTILATION**

# INSTALLATION INSTRUCTIONS

## VALUE DRIVES EVERYTHING WE DO

Value drives everything we do. That's why we developed a comprehensive line of ventilation products that offer easy installation, remarkable building ventilation, lower utility costs, extended roof deck life, extreme durability, and outstanding warranties. Get more quality, more performance, and more value…from Marco Industries.™

## EASY INSTALL

See our installation online at marcoindustries.com

1. Locate the roof vents toward the rear or side of the house spaced evenly over the width of the roof.
2. Mark the location of all roof vents before cutting holes. Center the holes between the rafters down two feet (24") from the peak of the roof. When installed as an intake vent please position vent at two feet (24") from the eave or edge of the roof. Ensure that attic insulation does not block intake vent.
3. Holes should be cut 11" High x 10" Wide. The 65 Slant Back Vent box has a template for error proo installation. Using the template mark the outline for the hole on the roof. The hole in the roof should never be l larger than the hole at the bottom of the vent.
4. Shingle up until shingles cover the bottom of the hole. Cut the excess shingles away. Because shingles are part of a porous system applying an approved sealant around the edge of the hole is required.
5. The top of the Slant Back Vent has a slanted peak. Ensure that the vents are installed with the peak at the UP position.
6. Secure the vent base with a minimum of 8 galvanized nails. Nails should be a minimum of 1¼" long and should penetrate the vent, shingle, and decking. Secure a nail in each corner of the vent flashing and along the middle of each side of the vent.
7. For proper sealing use a plastic friendly roofing sealant. All nails to receive a dab of sealant.
8. Shingle up and around the vent ensuring that the shingles butt up against the throat of the vent.
9. Pre-cut the top shingle to fit around the slant of the vent and nail in place. Shingle up as normal to complete installation.

SPECS:

Dimensions: Width 17" x Length 22" x Height 4.33"

Patents: US Pat No. 8,181,403, US Pat No. D629,093

Contruction Details: High Wind Deflector prevents wind driven rain from entering vent.

Durability: Will not dent or rust, UL 2218: Class 4 Impact Resistance

Codes & Standards: TDI, FL Building Code, CSA

Roof Pitch: Conforms to any pitch from 2/12 to 16/12

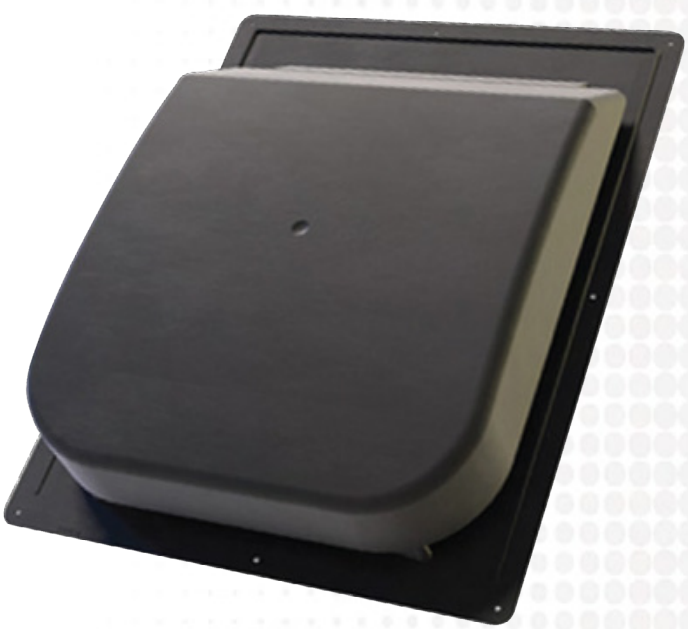
Color: Black, Brown, Weather Wood

Material: No-break polyproproylene

Vent Weight: 2.065 lbs per piec

Pack Unit of Measurement: 6 per carton

4 Side Crickets: Sheds water around the throat of the vent, making it virtually leak proof



Made with Recycled Material

LIFE TIME LIMITED WARRANTY

PROUDLY MADE IN NORTH AMERICA

MARCO INDUSTRIES

Roofing Ventilation & Accessories

# Shingle Dryer Vent

## PROTECT YOUR ROOF

and everything underneight by removing hot, moist air and lint buildup from your dryer to the outdoors.

### Features:

- Removeable Cap for Easy Cleaning
- Dryer Vent Collar Included
- 110MPH Wind Driven Rain Tested
- Easy to Install
- Eliminate Call Backs From Leaks
- Keeps out insects, critters and rain

## EXPAND YOUR ROOFING SYSTEM PERFORMANCE

**PREVENT LEAKS • PROTECT PROPERTY • ASSURE VENTILATION**

# INSTALLATION INSTRUCTIONS

## LOCATION OF DRYER VENT

1. It is recommended to position dryer vent on roof deck directly above location of the dryer or as close as possible for most efficient exhaust of lint.
2. Once location is determined cut hole in roof deck (5”x5” hole or 5” round).
3. Insert the collar into hole and fasten to roof deck with at least 4 nails.
4. Apply roof cement on the side and top flanges of the collar. Completely cover flanges and approximately 2” beyond flanges onto underlayment with 1/4” thick bed of plastic roof cement.
5. Attach dryer duct to collar on attic side of roof deck.

## POSITION AND SECURE

1. Place vent so that inner collar attaches to the dryer ducting in the attic.
2. Install shingles so that the bottom flange on vent covers ove r the unexposed portion of the shingle.
3. Apply an industry approved sealant under the front flange of the vent.
4. Using the holes provided on the flanges, fasten side and top flanges securely with minimum 1.25” standard roofing nails.

## SHINGLE INSTALLATION

1. Apply roof cement on the side and top flanges. Completely cover flanges and approximately 2” beyond flanges onto the underlayment with 1/4” thick bed of plasti c roof cement.
2. Install shingles, cut to fit so flanges are completely covered. Press into place to ensure a complete bound of cement to shingles. Fasten shingles with nails as per shingle manufacturer’s instructions. However, do not place any nails within 3” of the body of the vent.

### Specs

Dimensions: 11.75” long x 6.25” wide x 7.25” high (body) 18.25” long x 13” wide (flange)
Material: 26ga galvalume steel
Codes & Standards: FL Building Code, Miami-Dade
Color: Black, Galvalume, Weatherwood
Nails: Coil of 13⁄4” Nails
Roof Pitch: Conforms to any pitch from 2/12
Patents: Pending
Included in Box: One dryer vent and collar per box
Features: Removable hood panel for cleaning interior front baffles that divert wind driven rain

FPA

PATENT PENDING

MIAMI-DADE COUNTY APPROVED
Manufactured in Apopka, FL

## NOTES

- Installers may want to precut shingles to fit prior to applying roof cement. Once the shingles have been pre cut remove cut pieces, apply roof cement, and install shingles as described above.
- It is highly recommended that the dryer duct be attached to the collar and the vent attached to the cover for the most efficient exhaust lint. However, some re-roof situations may not accommodate the use of the collar, using the collar is optional where duct is exiting through the roof deck.

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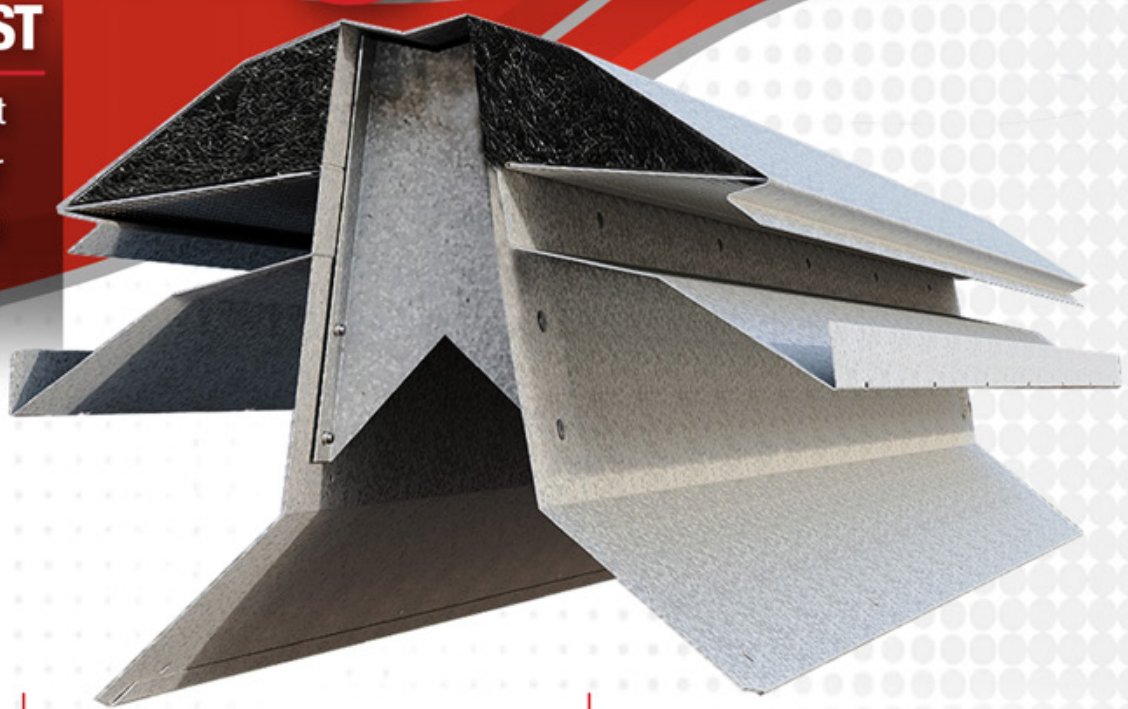
Roofing Ventilation & Accessories

# Universal Tile Ridge Vent

## AN INDUSTRY FIRST

With the Universal Ridge Vent homeowners can enjoy better attic ventilation and a simple installation process for you.



40 YEAR WARRANTY

## Features:

- Provides 20 square inches of Net Free Venting Area.
- Fits any pitch from 3/12 to 12/12.
- Keeps out leaks and wind-driven rain.
- Delivers optimal ventilation with installation at the ridge of roof.
- Offers pleasing aesthetics as it is concealed under the ridge cap.
- Made with rugged 26-gauge galvalume steel.
- TAS-100(a)-approved to meet the most stringent hurricane testing requirements.
- Keeps out insects, critters and rain.
- Reduces customer call-backs with quality build and durable design.

## EXPAND YOUR ROOFING SYSTEM PERFORMANCE

**PREVENT LEAKS • PROTECT PROPERTY • ASSURE VENTILATION**

# INSTALLATION INSTRUCTIONS

## VALUE DRIVES EVERYTHING WE DO

Value drives everything we do. That's why we developed a comprehensive line of ventilation products that offer easy installation, remarkable building ventilation, lower utility costs, extended roof deck life, extreme durability, and outstanding warranties. Get more quality, more performance, and more value…from Marco Industries.™

SPECS:

**Net Free Area:** Over 20 sq. in. per Lineal ft, 80 sq. in per unit

**Material:** 26 - Gauge Galvalume and non-woven composite polyester

**Nominal Lengths:** 4'

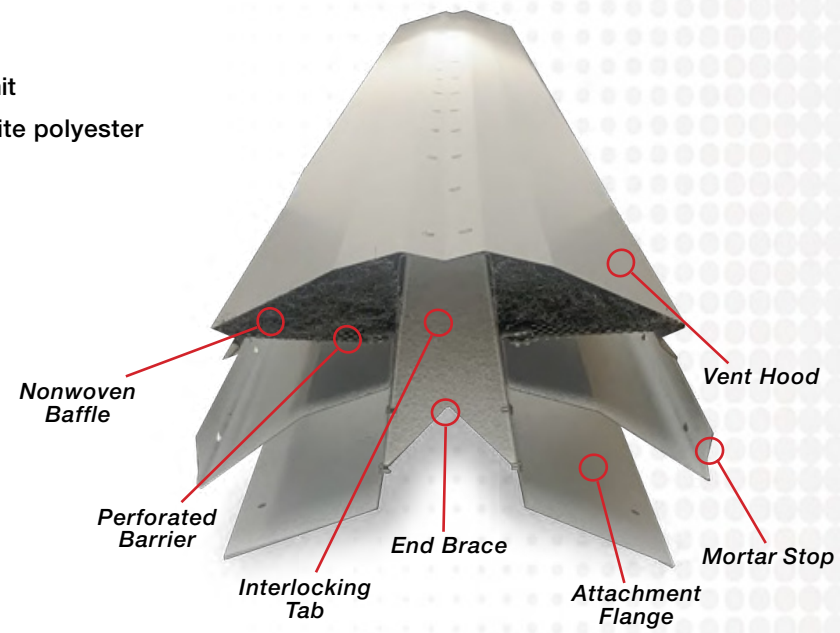
**Heights:** 5" available

**Codes & Standards:** FL Building Code

**Roof Pitch:** Conforms to any pitch from 3/12 to 12/12

**Color:** Mill

**Patents:** Pending




## EASY INSTALL

See our installation online at marcoindustries.com

1. Install tile roof components; roofing underlayment, battens (if used), and field tiles up to the row just below the ridge where the Universal Tile Ridge Vent will be installed. All components should be installed per the Tile Roof Institute installation manual observing specific regional climate requirements.
2. Using a chalk line, mark 1" on both sides of the ridge for truss construction (1" beyond ridge pole) as a guide for cutting a slot in the decking. The slot should be no closer than 12" to the end of the ridge.
3. Cut a 2" slot in the roof ridge on the bottom of the decking using a circular saw - avoid cutting trusses and rafters.
4. To ensure proper alignment along the ridge, run a chalk line down both sides of the ridge.
5. Center the Universal Tile Ridge Vent over the ridge slot. Use sealant recommended by the underlayment manufacturer between the vent flange and the roof deck. Place the first vent with the male end facing inwards. The vent flanges have a built in 6:12 pitch; for shallower roof pitches, simply press the vent downwards to flatten the flanges against the roof deck. For steeper pitches, press the vent body against the deck and bend the flanges against the deck while nailing in place.
6. Fasten the vent to the roof deck on approximately 12" centers using a nail gun, or hand nail using the existing pre-punched holes.
7. Apply a generous bead of Marco Weathertite™ Sealant along the circumference of the male end flange, including the deck flanges. Lower the female end of the next vent into place over the male end of the first vent, ensuring the sealant fills any gaps. Hold the vent down while nailing it into place. Repeat for all subsequent vents. Vents are self-centering to each other when sleeved together.
8. Cut the ridge anchor accessory to a length long enough so that it is flush with the edge of the roof. Place the ridge anchor adjacent to the Universal Tile Ridge Vent and seal with mastic and/or sealant. Fill end of ridge anchor with mortar to seal.
9. Install the cap tiles with mortar, adhesive, or fasteners.

MARCO INDUSTRIES™

Roofing Ventilation & Accessories

# Tile Gooseneck Vent

## OUTSTANDING PERFORMANCE

The only Gooseneck Vent of its kind to pass the Standard TAS 100 Wind-Driven Rain Test

25 YEAR PRORATED

## Features:

- Quiet - no noisy damper opening and closing.
- Marco's Tile Gooseneck Vent is suitable for tile, synthetic, cedar, shake, and slate roofs.
- Promotes superior airflow and makes it ideal for kitchen or bathroom exhausts.
- Interior louver panel captures any moisture directing it to vent pan away from the attic.
- Suitable for any roof pitch from 3/12 to 12/12.
- Keeps insects and critters out.
- High Quality & Durability - Reduces customer call-backs.

## EXPAND YOUR ROOFING SYSTEM PERFORMANCE

**PREVENT LEAKS • PROTECT PROPERTY • ASSURE VENTILATION**

# INSTALLATION INSTRUCTIONS

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## EASY INSTALL

See our installation online at marcoindustries.com

1 Select required vent size; 4" Vent, 6" Vent, or 10" Vent

2. When installing vents on an existing tile roof: remove tiles immediately around sides and top of opening to provide space to install vent as per instructions below.

3. Position vent over opening in deck.

4. Fasten side and top flanges securely with minimum 11/4" standard roofing nails spaced 4" on centerand 11/2" from outer edge of flange.

5. Seal flanges to sub-roof membrane as per substrate manufacturer recommendations.

6. Cut tile to fit around vent and install per tile manufacturer recommendations.

*High Profile*
*Tile Gooseneck Vent*

*Low Profile*
*Tile Gooseneck Vent*

SPECS:
Dimensions: Width 19-3/16" x Height 10 1/4"
Material: 26 - gauge galvalume
Codes & Standards: FL Building Code, patents pending
Roof Pitch: Conforms to any pitch from 3/12" to 12/12"
Color: Galvalume and other colors available
Sizes: 4", 6" and 10"

Vent Hood: Mini louvers in lower portion of hood block water.
Interior Louver Panel: Acts as second water barrier.
Internal Baffle: Placed at the top of the vent pan, the internal baffle is the third line of defense against water intrusion.

FPA

X Not to be Used as a Laundry Vent.

PROUDLY MADE IN NORTH AMERICA



MARCO INDUSTRIES
Roofing Ventilation & Accessories

MARCO INDUSTRIES™

Roofing Ventilation & Accessories

# Tile Off-Ridge Vent

## A INNOVATIVE OFF-RIDGE VENT

Designed with a higher lift to make it suitable for tile, synthetic, cedar, shake, and slate roofs.

25 YEAR PRORATED

## Features:

- Zero water entry at 110 MPH wind-driven rain.
- No additional external baffle is needed in the front of vent, saving time and money.
- 25 square inches of Net Free Venting Area per lineal foot and 100 square inches per 4 ft. unit.
- Reduces air conditioning maintenance and utility costs.
- No additional external baffle is needed in the front of the vent saving time and money.
- Reduces air conditioning maintenance costs and prevents wood rot which extends shingle and roof deck life.
- Suitable for any roof pitch from 3/12 to 12/12.
- Keeps insects and critters out.
- High Quality & Durability - Reduces customer call-backs.
- Made from durable 26-gauge galvaume steel.

## EXPAND YOUR ROOFING SYSTEM PERFORMANCE

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# INSTALLATION INSTRUCTIONS

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## EASY INSTALL

See our installation online at marcoindustries.com

1. Space vent openings evenly across ridge. The opening size should be a minimum of a 2½" by 46" cut between two sets of rafters. Note: Do not cut into rafters.
2. If tiles have previously been installed on the roof, remove the tiles around sides and top of opening to provide space to install vent as per instructions.
4. Position vent over opening in deck.
5. Fasten side and top flanges securely with minimum 1¼" standard roofing nails. Space nails approximately 4" on the center and approximately 1½" from outer edge of flange.
5. Seal flanges to sub roof membrane as per substrate manufacturer recommendations.
6. Cut tile to fit around vent and install per tile manufacturer recommendations.

Low Profile Tile Off-Ridge Vent

High Profile Tile Off-Ridge Vent

SPECS:

Dimensions: Width 23 1/2" - x Height 6"
Material: 26 - gauge galvalume
Codes & Standards: FL Building Code
Roof Pitch: Conforms to any pitch from 3/12" to 12/12"
Color: Black, Weatherwood, Mill
Patents: Pending
Nominal Lengths: 4'

Net Free Area: 25 sq. in. per Lineal ft
Screws: 1 3/4" Wood Type for Bottom Flange (Not included)
Vent Hood: Mini louvers in lower portion of hood block water.
Interior Louver Panel: Mini louvers in opposite direction to louvers on lower portion of hood as second water barrier
Internal Baffle: Placed at the top of the vent pan, the internal baffle is the third line of defense against water intrusion.

CLOSURE

MARCO INDUSTRIES™
Roofing Ventilation & Accessories

# Closure Foam

## DESIGNED TO STAY PUT

Marco's M63 industrial adhesive eliminates blow away problems with an adhesive bead applied to either the flat or the ribbed side of Closure-Foam.

MORE THAN 450 STANDARD PROFILES

40 YEAR WARRANTY

CLOSURE FOAM™

## Features:

- Full bead (once installed) of adhesive applied.
- Thickness variety.
- Adheres in subfreezing temperatures and on wet surfaces.
- Profiles for every application.
- No excess scrap for easier cleanup.
- Eliminate gaps and ensure a snug end-to-end fit.
- Better UV resistance/longer lasting than competition
- 40-year limited warranty
- Economically priced without sacrificing quality.

## EXPAND YOUR ROOFING SYSTEM PERFORMANCE

**PREVENT LEAKS • PROTECT PROPERTY • ASSURE VENTILATION**

# INSTALLATION INSTRUCTIONS

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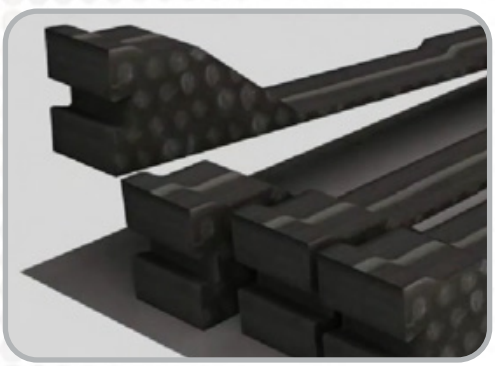
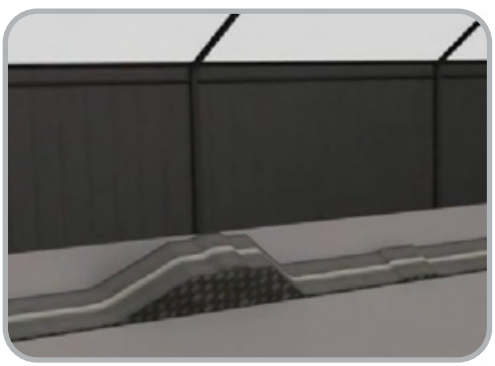
## EASY INSTALL

See our installation online at marcoindustries.com

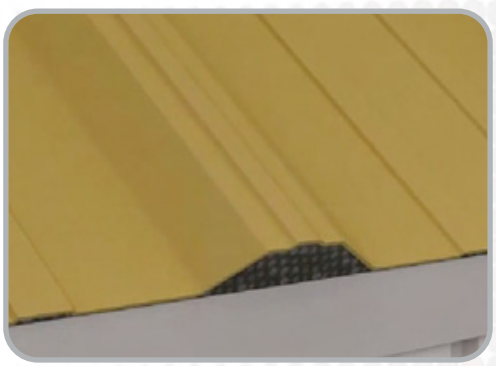
Closure-Foam can be installed by a single person in just three easy steps shown below.



**Step 1:**
Ensure the self-adhesive closure configuration fits the roof panel used.



**Step 2:**
The inside Closure fits the underside of the panel.



**Step 3:**
Place the roof panel over pre-cut closure configuration for a snug fit. Attach panel over closure with fasteners.

**SPECS:**

Nominal Density-Skin/Skin (BS ISO 7214 1998): 24 kg/m3
Cell Size, Typical Diameter: 0.3mm
Shore Hardness 00 Scale, 10 mm cell/cell thickness (ISO 868 1985): 50 00
Recommended Operating Temp. Range: +100° C/-70° C (+212° F/-97° F)
Thermal Conductivity — Mean Temp of 10° C/ 50° F (ISO 8302 1991): 0.0392 W/m.K
Flammability – Automotive (FMVSS.302-Burn Rate): Pass 12 mm & thicker <100mm/min
Flammability – Horizontal Burn Rate (ISO 7214 1998): 5 mm thick, 2.1 mm/sec & 13 mm thick, 1.5 mm/sec
Compression Stress-Strain (BS ISO 7214 1998)
10% Compression: 34 kPa
25% Compression: 53 kPa
40% Compression: 85 kPa
50% Compression: 118 kPa
Durometer (50): Shore 00
Water: 5% lbs/ft3
Compression Set: 25% comp, 22hr, 23° C/73° F
1/2 hr recovery (25 mm cell-cell): 27% set
24 hr recovery (25 mm cell-cell): 19% set
Tensile Strength (ISO 7214 1998): 320 kPa
Tensile Elongation: 130%
Tear Strength (BS EN ISO 8067 1995): 495 N/m

CLOSURE FOAM™

40 YEAR WARRANTY

PROUDLY MADE IN NORTH AMERICA

MARCO INDUSTRIES™

Roofing Ventilation & Accessories

# AngleKut™ Beveled Closure System

## A SUPERIOR BEVELED CLOSURE

That effectively seals metal roof panels, preventing water from entering the roof's hips and valleys

40 YEAR WARRANTY

## Features:

- Can be made at any angle, it will fit any metal roof profile.
- Made from crosslink polyethylene foam the same as M-Cell closures.
- Closures doesn't bleed, dry out, or dissolve with weather and UV exposure.
- 1-1/2" thick foam increases the strength of the belveled closure.
- Closures are an easy replacement for caulking and polyuethane strips.
- Anglekut Easy Order Form.

## EXPAND YOUR ROOFING SYSTEM PERFORMANCE

**PREVENT LEAKS • PROTECT PROPERTY • ASSURE VENTILATION**

## VALUE DRIVES EVERYTHING WE DO

Value drives everything we do. That's why we developed a comprehensive line of ventilation products that offer easy installation, remarkable building ventilation, lower utility costs, extended roof deck life, extreme durability, and outstanding warranties. Get more quality, more performance, and more value…from Marco Industries.™

# ANGLEKUT™ Easy Order Form

It's fast and easy to order Angle-Kut. Just call 1-800-800-8590 and we'll walk you through each step in minutes!

Date_____ Customer P.O.#_____ Job # _____

**Complete the following information for each separate closure configuration and beveled angle:**

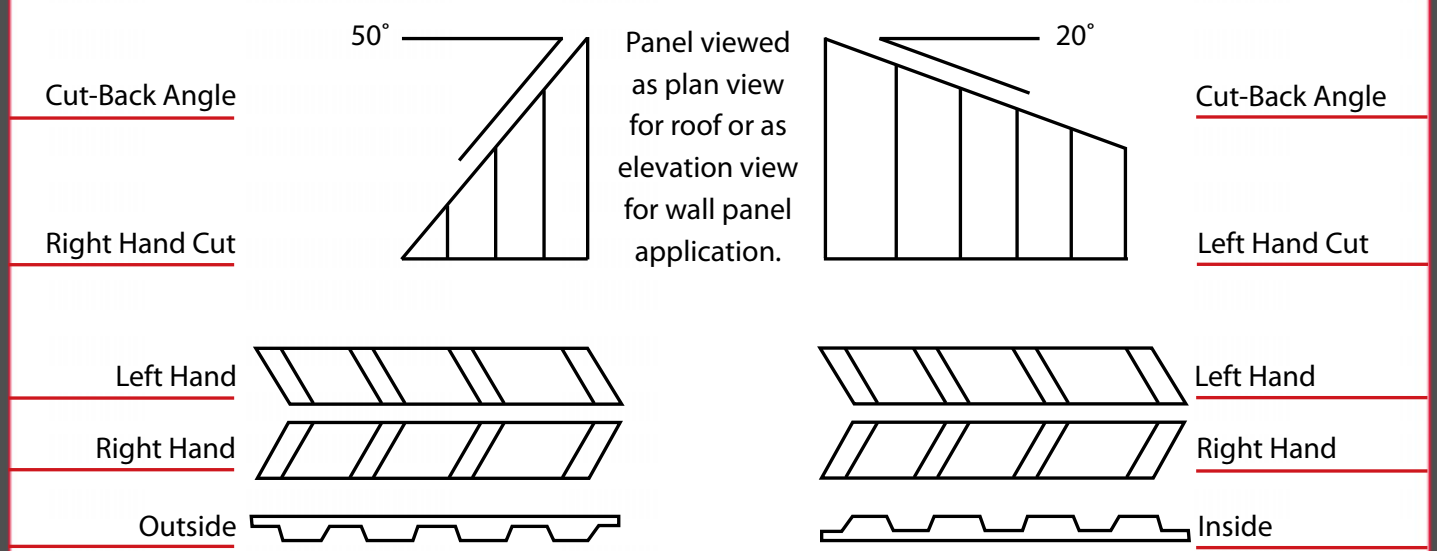
1. Panel Name: _____
2. Application: End Wall _____ Hip _____ Valley _____
3. Cut-back Angle: _____
4. Roof Slope (Rise/Run) _____ / _____

5. A. Number of Panels - Inside: Left Hand_____ Right Hand_____
   Outside: Left Hand_____ Right Hand_____

**OR**

6. A. Number of Panels - Inside: Left Hand_____ Right Hand_____
   Outside: Left Hand_____ Right Hand_____

**Key to Order Entry Information:**



FLASHING

MARCO INDUSTRIES™
Roofing Ventilation & Accessories

# Valley Cap™

## DESIGNED TO PREVENT LEAKS

Where primary and secondary roofs intersect with valleys.

20 YEAR WARRANTY


## Features:

- Eliminates bulge and maintains straight ridge line.
- Adaptable base designed to fit most roof pitches and valley conditions.
- One piece construction allows for easy on-site installation.

| | |
|---|---|
| Advanced Ozone Resistance tested to… | EPDM 70 hour @ 500 pphm |
| High Temperature Resistance tested to… | Intermittent: +135°C (+275°F) • Continuous: +100°C (+212°F) |
| Low Temperature Resistance tested to… | -55°C (-67°F) |
| Compression Set Maximum… | 25% |

| Available in Two Sizes | | |
|---|---|---|
| Opening | 12-1/4" (311mm) | 16-1/2" (419mm) |
| Inner Depth | 3" (76mm) | |
| Overall Height | 1-1/4" (31mm) | |
| Base | 11-3/4" x 20-1/8" x 11-3/4" (298x511x298mm) | |

Valley Cap A

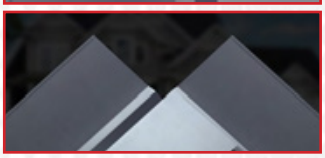

Valley Cap B


PROUDLY MADE IN NORTH AMERICA

1-800-800-8590 / Marcoindustries.com

MARCO INDUSTRIES™
Roofing Ventilation & Accessories

# INSTALLATION INSTRUCTIONS

## AG INSTALLATION

1. Prepare the W Valley trim. Make mirror images of each W Valley panel, notching 1” from the outside across the center valley peak, leaving a 1” offset.
2. Take about 9”-10” of the reverse hook, which catches water if it splashes back up under the other side. The points of the center valley peak are critical in terms of alignment. When these are overlapped, the two points will be lined up in the center of the ridge of secondary ridge line.
3. Lay the Valley Cap right over the top securing it with roof sealant and fasteners. Once in place, water will be channeled away from valley and will not get beneath the roof substrate.

## STANDING SEAM INSTALLATION

Typically, the difference between a AG Panel Roof and a Standing Seem Snap-Lock Panel Roof are the clips that must be installed on the W Valley.

1. When using a Valley Cap, you must use a separate clip. (That’s because you will not be able to place the cleat over the top of the Valley Cap, but you can run this clip over the top of the Valley Cap).
2. When the panel comes in, it hooks over the metal clips and forms a complete water shed, from panel, to Valley Cap into the W Valley.

## SECONDARY RIDGE LINES

When a roof has a secondary ridge line that is parallel to the primary ridge line, it may be difficult to install a Ridge Cap since it will be impeded by the secondary roof. A common construction method is to divide the Ridge Cap, fan it out, and press it under the roof panels, which can result in a big bubble beneath the panels that is above the Ridge Cap. The best way to remedy this issue is to install a Valley Cap.

### Secondary Ridge Line Installation

1. Place the Valley Cap atop and between both valleys of the roof.
2. Notch the Ridge Cap to accommodate the Valley Cap.
3. Ensure that the Primary Ridge Line is perfectly straight.
4. Place the Secondary Ridge Cap over the Valley Cap.

## DETERMINING WHICH VALLEY CAP SIZE TO USE

There are two sizes of valley caps, a 12 ¼“ and 16 ½ “ throat. To determine which size you need, start at the ridge line of the the secondary ridge, measure out 4”, then measure from the center of the valley straight across, 4” out. If that measurement is 12 ¼” or less, you will use the 12 ¼” throat. If that measurement is more than 12 ¼”, you will use the larger Valley Cap which has a 16 ½” throat.





**SPECS:**

Advance Ozone Resistance tested to: EPDM 70 hours @ 500 pphm

High Temperature Resistance tested to: Intermittent: +135C (+275F)
Continuous: +100C (+212F)

Low Temperature Resistance tested to: -55C (-67F)

Compression Set Maximum: 25%

| Available in Two Sizes | | |
|---|---|---|
| Opening | 12-1/4" (311mm) | 16-1/2" (419mm) |
| Inner Depth | 3" (76mm) | |
| Overall Height | 1-1/4" (31mm) | |
| Base | 11-3/4" x 20-1/8" x 11-3/4" (298x511x298mm) | |

MARCO INDUSTRIES™

Roofing Ventilation & Accessories

# RoofBoots™

## GET A SUPERIOR SEAL, IN A FLASH

Get the roof flashing you need quickly, and rest easy knowing you're getting industry-leading warranties and Weather-Tite performance.

20 YEAR WARRANTY


## Features:

- Easy, on-site customization for superior fit
- Sleeve flexibility absorbs vibration and pipe movement caused by expansion/contraction.
- Maximum resistance to ozone weathering
- Available in black or grey EPDM, red or grey silicone, or colors upon request
- The first ICC-listed flashing in the metal building industry with a 35-year warranty (available on black EPDM only)
- Square or circular flexible sleeve

## EXPAND YOUR ROOFING SYSTEM PERFORMANCE

**PREVENT LEAKS • PROTECT PROPERTY • ASSURE VENTILATION**

## VALUE DRIVES EVERYTHING WE DO

Value drives everything we do. That's why we developed a comprehensive line of ventilation products that offer easy installation, remarkable building ventilation, lower utility costs, extended roof deck life, extreme durability, and outstanding warranties. Get more quality, more performance, and more value…from Marco Industries.™

## UNIVERSAL ROOFBOOT FLEXIBLE SLEEVE

- Easy, on-site customization for superior fit
- Sleeve flexibility absorbs vibration and pipe movement caused by expansion/contraction
- Maximum resistance to ozone weathering
- Available in black or grey EPDM, red or grey silicone, or colors upon request
- The proven choice with a 20-year warranty

**Specs**

**Ozone Resistance:** 70 hrs @ 500pphm (EPDM and RS)

**High Temp. Resistance:**

**Intermittent:** +135°C/+275°F (EPDM), +260°C/+500°F (RS)

**Continuous:** +100°C/+212°F (EPDM), +225°C/+437°F (RS)

**Low Temp. Resistance:** -55°C/-67°F (EPDM), -74°C/-101°F (RS)

**Compression Set:** 25% (EPDM), 50% (RS)

*RS = Red Silicone

| | PIPE RANGE | BASE |
|---|---|---|
| MINI | 0" - 3/4" | 4" (101 mm) |
| #1 | 1/4" - 2 1/2" | 3 1/4" (82 mm) |
| #2 | 1 3/4"- 3 | 6 1/4" (158 mm) |
| #3 | 1/4"- 5" | 7 3/4" (234 mm) |
| #4 | 3"- 6 1/4" | 9 1/4" (234 mm) |
| #5 | 4 1/4"- 7 3/4" | 10 1/2" (266 mm) |
| #6 | 5"- 9" | 13" (330 mm) |
| #7 | 6"- 11" | 14" 1/2" (368 mm) |
| #8 | 7"- 13" | 16" 1/2" (412 mm) |
| #9 | 9"- 19" | 25" 1/4" (641 mm) |

## STANDARD ROOFBOOT SQUARE FLEXIBLE SLEEVE

- Easy, on-site customization for superior fit
- Sleeve flexibility absorbs vibration and pipe movement caused by expansion/contraction
- Maximum resistance to ozone weathering
- The first icc-listed flashing in the metal building industry with a 35 - Year Warranty (Available on black EPDM only)
- Available in black or grey EPDM, red or grey silicone, or colors upon request
- Standard 20-year warranty. 35-year warranty available

**Specs**

**Ozone Resistance:** 70 hrs @ 500pphm (EPDM and RS)

**High Temp. Resistance:**

**Intermittent:** +135°C/+275°F (EPDM), +260°C/+500°F (RS)

**Continuous:** +100°C/+212°F (EPDM), +225°C/+437°F (RS)

**Low Temp. Resistance:** -55°C/-67°F (EPDM), -74°C/-101°F (RS)

**Compression Set:** 25% (EPDM), 50% (RS)

*RS = Red Silicone

| | PIPE RANGE | BASE |
|---|---|---|
| MINI | 1/8" - 3/4" | 2 1/4" (57 mm) |
| #1 | 1/4" - 2 3/4" | 4 1/2" (114mm) |
| #2 | 7/8" - 4" | 6" (152 mm) |
| #3 | 1/4" - 5 3/4" | 8" (203 mm) |
| #4 | 2 3/4"- 7" | 10" (254 mm) |
| #5 | 4"- 8 1/4" | 11" (279 mm) |
| #6 | 4 3/4"- 10" | 12" (279 mm) |
| #7 | 5 1/2"- 11 1/2" | 14" (355 mm) |
| #8 | 6 3/4"- 13 1/2" | 17" (431 mm) |
| #9 | 9 1/2"- 20 1/2" | 25" (635 mm) |
| MAXI | 12"- 28 1/2" | 34" (863 mm) |

## RoofBoots Colors

Our Universal and Standard RoofBoots are available in black or grey EPDM, red or grey silicone, or these custom colors upon request. *Call for availability.

Grey, Dark Grey*, Black, Light Green, Terra Cotta, Light Blue, Dark Green, Bright Red, White, Brown, Dark Blue, Copper*, Tan*

PROUDLY MADE IN NORTH AMERICA

MARCO INDUSTRIES™

Roofing Ventilation & Accessories

# Master-Flex

## SELF-ADHESIVE FLASHING TAPE

**Master-Flex** Master Flash® was created to seal roof seams and areas that are tough to waterproof, such as around chimneys, dormer windows, and adjoining walls.

10 YEAR WARRANTY

STICKY ROLL FLAT

STICKY ROLL WAVE

## Features:

- 4 different sizes (Width x Length): 200mm x 5metres · 300mm x 5metres. 450mm x 5metres · 600mm x 5metres.
- Completely self-supporting and stable.
- Soft, lightweight and easy to layout.
- Avaiable in 5 colours: black, graphite, light grey, terracotta red and chocolate brown.
- Can be applied to various surfaces, i.e. metal, plastic or ceramic.
- Extends shingle and roof deck life.
- Evironmentally friendly - can replace lead in any kind of roof covering applications.
- Obtainable in two types: Flat for Standard applications and Wave for increased shaping capabilities where more stretch is needed.

## EXPAND YOUR ROOFING SYSTEM PERFORMANCE

**PREVENT LEAKS • PROTECT PROPERTY • ASSURE VENTILATION**

# INSTALLATION INSTRUCTIONS

## VALUE DRIVES EVERYTHING WE DO

Value drives everything we do. That's why we developed our Steep Slope Ventilation Division. This comprehensive line of products offer easy installation, remarkable building ventilation, lower utility costs, extended shingle and roof deck life, extreme durability, and outstanding warranties. Get more quality, more performance, and more value… from Marco Industries™

## MASTER-FLEX MASTER FLASH®

- Specifically for: Abutments, Step Flashings, Chimneys and more!
- Easy to form in valleys and peaks by hand or steel roller.
- Made of EPDM rubber reinforced with stretchable aluminum mesh core for better profiling and shaping on roof tiles or metal roofs with peaks and valleys.
- Evironentally friendly can replace lead in any kind of roof covering applications·

## STORAGE AND APPLICATION

- Obtainable in two types Flat for standard applications and Wave with increased shaping capabilities for applications where more stretch is needed
- To ensure proper adhesion surfaces must be clean of dust and grime grime.
- Sticky Roll should be applied at temperatures above 5 5°C.
- After applying flashing to the surface press firmly with roller or rubber mallet mallet,
- Do not store Sticky Roll in open sunlight as it can negatively affect butyl adhesive properties. The product should be stored in its original packaging until use use.

## SPECS

| PARAMETER | UNIT | VALUE |
|---|---|---|
| Visible Flaws | - | No |
| Lenght | M | 5 or 10<br>(0% to +5%) |
| Width | M | from 0,15 to 0,60<br>(from 0,5% to +1%) |
| Straightness | mm | ≤50/10 |
| Thickness w/o Butyl Layer | mm | 1,5 ( ± 5%) |
| Grammage w/o Butyl Layer | kg/mm² | 1,690 ( ± 5%) |
| Fire Resistance | Class | E |
| Watertightness | 10k Pa<br>Method B | Watertight |
| Tensile Strength<br>Longitudinal • Traverse | N/50mm<br>N/50mm | ≥200<br>≥350 |
| Elongation<br>Longitudinal • Traverse | %<br>% | ≥50<br>≥29 |
| Static Load | kg | ≥20 |
| Impact Durability | mm | ≥500 |

| PARAMETER | UNIT | VALUE |
|---|---|---|
| Hail Resistance<br>Soft Base • Hard Base | m/s | ≥33<br>≥22 |
| Tearing Resistance<br>Longitudinal • Traverse | N | ≥80<br>≥140 |
| Peel-Off Resistance<br>Longitudinal • Traverse | N/50mm | ≥1,2<br>≥1,1 |
| Shear Resistance<br>Longitudinal Overlap<br>Traverse Overlap | N/50mm | ≥60<br>≥45 |
| Dimensional Stability<br>Longitudinal • Traverse | % | 0,0 |
| Low Temperature Bending | °C | ≤40 |
| UV Resistance | 1000h | Requirement met |
| Artificial Aging in<br>High Temperature | 8h<br>100 °C | Requirement met |

MARCO INDUSTRIES™

Roofing Ventilation & Accessories



# Box Gutter Expansion Joint

## Product Details

- 9" (228mm) width
- 059 mm thick
- 12', 33', and 50' lengths available
- Made of grey ozone resistant EPDM
- 20-year warranty

## Applications

- Transition Walls
- Parapet Walls
- Stepped Roofs
- Corrugated Metal Roofs
- Roof Penetrations
- Expansion Joint
- Skylights




### Box Gutter Expansion Joint

| Compound | Part No. | Flashing Details |
|---|---|---|
| Grey EPDM | MFBGE912 | 9" wide 12' long (9" x 12') |
| Grey EPDM | MFBGE933 | 9" wide 33' long (9" x 33') |
| Grey EPDM | MFBGE950 | 9" wide 50' long (9" x 50') |

PROUDLY MADE IN NORTH AMERICA

1-800-800-8590 / Marcoindustries.com

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Roofing Ventilation & Accessories

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# Universal Foam

## A VERSATILE SOLUTION

- Designed to fit a wide range of panel configurations and sizes.
- 25 feet per roll, providing ample material for multiple uses.
- Adhesive included on one side of foam for easy application.
- Flexible polyurethane foam, semi-close cell.

| PART NUMBER | DESCRIPTION | ROLL PER BAG | BAGS PER PALLET |
|---|---|---|---|
| 12-112-25P | 1 ½" x 1 ½" x 25' W/PSA | 20 per bag | 10 bags per pallet |
| 10-100-25P | 1" x 1" x 25' W/PSA | 20 per bag | 14 bags per pallet |
| 11-200-25P | 1 ½" x 2" x 25' W/PSA | 20 per bag | 6 bags per pallet |

PROUDLY MADE IN NORTH AMERICA

MARCO INDUSTRIES™

Roofing Ventilation & Accessories

# X-SEAL™ Expandable Foam Tape

## CREATE A BREATHABLE EXPANDABLE SEAL

A hermatic seal that allows the absorption of moisture and when conditions permit, the slow release of moisture through evaporation.


## Features:

- Follows, flexes, expands, compresses to fit.
- Expands from 1/4" to 1".
- Highly resistant to bugs and vermin.
- Universally adaptable to most roof panels, including hips and valleys.
- Expands from 3/8" to 1 1/2".
- Maintains seal in heat and cold.
- Holds the exterior out and the interior in, yet allows vapors to move through.
- Will not leech out or stain.
- A economical alternative to conventional sealants.

## EXPAND YOUR ROOFING SYSTEM PERFORMANCE

**PREVENT LEAKS • PROTECT PROPERTY • ASSURE VENTILATION**

# INSTALLATION INSTRUCTIONS

## VALUE DRIVES EVERYTHING WE DO

Value drives everything we do. That's why we developed a comprehensive line of ventilation products that offer easy installation, remarkable building ventilation, lower utility costs, extended roof deck life, extreme durability, and outstanding warranties. Get more quality, more performance, and more value…from Marco Industries.™

**Before Expansion**

**Expansion**

**X-Seal Roll**

**X-Seal's versatility makes it perfect for sealing gaps in so many construction projects, between similiar and dissimiliar materials:**

- Joints and seams in metal construction
- Around doors and windows
- For control joints, expansion joints and isolation joints in concrete construction
- Civil and underground construction (highway and airport runways)
- Log and prefabricated homes

### Specs

**Color:** Base foam is black, other colors available

**Density:** 10 lbs./cu Ft. (150kg/m3)

**Flammability:** UL 94 HF1, Self-extinguishing, DIN 4102, B1 compression at 50%, B2 compressed Temperature Stability

**Range:** -40° F to 212° F Manufacturer's Lab: -40°C to 120° C

**Weather Resistancy:** Excellent

**Compression Set:** Maximum 2%

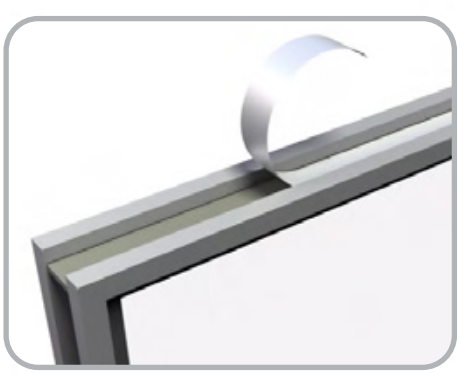
**Tensile Strength:** 21.8 psi

**Thermal Conductivity:** 12,106 BTU (hr.) (ft2) (*F/ft)

## EASY INSTALL

See our installation online at marcoindustries.com

**Step 1:**
Cut the desired length of X-Seal.



**Step 2:**
Place X-Seal into the gap opening—even one with irregular hips and valleys—and remove the protective release paper.

**Step 3:**
X-Seal slowly expand up to 1" to completely fill and seal the gap.

MARCO INDUSTRIES™

Roofing Ventilation & Accessories

# RE2™ Polyethylene Foam Spacer System

## SOLVING A COMMON RE-ROOFING PROBLEM

RE2 acts as a spacer between the old shingles and the new metal roof, providing air flow and ventilation.

NAILS INCLUDED

## Features:

- Cost comparable to wood, increases profitability.
- Eliminate tear-off.
- Will not decay, corrode or crease metal.
- RE2 is Sold in two 150-foot, easy-to-handle rolls.
- No more warped wood firring.
- Roll it across the old shingled roof, tack it down and install the metal roof on top.
- Easy to handle and install. Increased installation effciency.
- Does not require heavy tools.
- One box of RE2 is equivalent to 40 firring strips.

## EXPAND YOUR ROOFING SYSTEM PERFORMANCE

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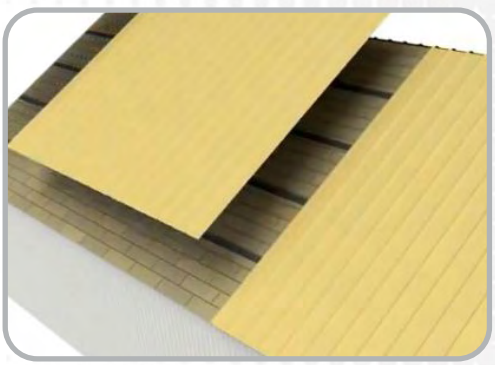
## EASY INSTALL

See our installation online at marcoindustries.com

**Step 1:**
Unroll across existing shingle roof.

**Step 2:**
Tack with staple gun or nails.



**Step 3:**
Install the metal roof on top.

Compressive Strength - Vertical direction (psi) (astm d3575-00) 3.8

Surface resistivity (anti-static grade) (EIA std. 541, Section 4.3) 1.0 X 10^9 –1.0 X 10^12 thermal

Compression Set (%) (ASTM d3575-00) >30

Tensile strength (psi) (ASTM d3575-00, suffix t (md / cmd), 58, 30

Elongation (ASTM d3575-00, suffix t (md / cmd), 86, 60

Tear resistance (lb/in) (ASTM d3575-00, suffix g (md / cmd),11,17

Density range (lb/ft2) (ASTM d3575-00) 1.5-1.9

Water absorption (lb/ft2) (ASTM d3575-00, suffix l) >0.1

Thermal stability (ASTM d3575-00, suffix s) >5%

Contact corrosivity (alum. Plate) (Method3005 fed std. 101) None

Static decay (anti-static grade) (EIA std. 541, Appendix f) >2 sec.

conductivity k-value (btu-in / hr-ft2-°f) (ASTM c518-91) 0.35–0.42

Thermal resistance r-value (hr-ft2-°f / btu) (ASTM c518-91) 1.30–1.60

MARCO INDUSTRIES™

Roofing Ventilation & Accessories

# Mastix Butyl Tape

## STAYING POWER

Choose the sealant that will stick around before and after installation.

MASTIX

## Features:

- Trimmable joint and end lap sealing tape.
- Non-staining, permanently flexible.
- Seals around windows, doors, roof vents, and more.
- Keeps even hot metal roofing panels in place– no melting or oozing.
- High quality adhesive.
- Adhesive prevents the product roll from “telescoping.
- Superior adhesive which is end-to-end fit.
- Joins metal to metal roofing panels.
- Made in North America

## EXPAND YOUR ROOFING SYSTEM PERFORMANCE

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# INSTALLATION INSTRUCTIONS

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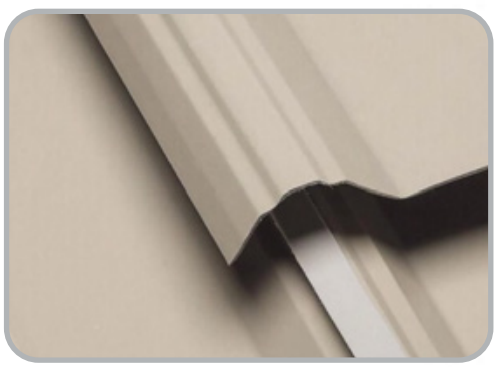
## EASY INSTALL

See our installation online at marcoindustries.com

Mastix requires no tools for installation. It comes in an easy-to-handle roll and the adhesive is quickly exposed with a simple peel-back.

### Step 1:

Roll Mastix Butyl tape out on through-fastened and standing seam panels, removing the release paper to expose adhesive.



### Step 2:

Position panel over Mastix.

### Step 3:

When positioned, press panel down on Mastix and fasten in place with Quik-Drill™ or QuikGrip™ fasteners.

**SPECS:**

**3/32" x 3/8" x 45':** 16 rolls/carton, 30 carton/pallet

**3/32" x 1/2" x 45':**16 rolls/carton, 30 carton/pallet

**3/32" x 3/4" x 45':** 16 rolls/carton, 30 carton/pallet

**3/32" x 1" x 45':** 12 rolls/carton, 30 carton/pallet

**Chemical Name:** Isobutylene

**Chemical Family:** Butyl Mixture

**Health Hazard:** 0-Minimal

**Flammability Hazard:** 0-Minimal

**Reactivity Hazard:** 0-Minimal

**Volatile (WL)%:** 0

**Solubility in Water:** Insoluble

**Specific Gravity:** (H20=1) 1.59-1.64

**Evaporation Rate:** Not Applicable

**Appearance:** Soft, pliable gum

**Color:** Q-126 (off-white to gray), Q126BB (black), Q-126-10 (off-white to gray)

**Odor:** None

MARCO INDUSTRIES™

Roofing Ventilation & Accessories

# Weather-Tite™ Metal Roof Sealant


## SPECIFICALLY FORMULATED TO OUT PERFORM ALL OTHER SEALANT TECHNOLOGIES.

### Features:

- Waterproof seal against water, wind, dust, dirt or other filtrations.
- Adheres to almost any common building substrate or material.
- Extrudes in extreme weather conditions (down to 0° F) and is UV-resistant.
- 18 month shelf life.
- Chemically curing <1% VOC
- Tack-free in 40 minutes
- 14 standard colors

## EXPAND YOUR ROOFING SYSTEM PERFORMANCE

**PREVENT LEAKS • PROTECT PROPERTY • ASSURE VENTILATION**

# INSTALLATION INSTRUCTIONS

## VALUE DRIVES EVERYTHING WE DO

Value drives everything we do. That's why we developed our Steep Slope Ventilation Division. This comprehensive line of products offer easy installation, remarkable building ventilation, lower utility costs, extended shingle and roof deck life, extreme durability, and outstanding warranties. Get more quality, more performance, and more value… from Marco Industries™

## EASY INSTALL

See our installation online at marcoindustries.com

Marco's Weather-Tite Metal Roof Sealant comes in a variety of colors and goes on easily. If touch-ups are necessary, it may be painted (excluding translucent) with a water-based paint after one hour of application.

**Step 1:**


**Step 2:**

**Step 3:**

## SPECS:

- **Water Clean-Up:** Yes
- **Non-Toxic:** Yes
- **Non-Flammable:** Yes
- **VOC-Compliant:** <1% VOC
- **Cold Weather Extrusion:** 0° F
- **Waterproof:** Yes
- **Tensile Strength:** 225 psi
- **Conforms to ASTM C920:** Yes
- **Tack-Free:** Tack-Free in 1 Hour @ 77° F / 50% RH\\
- **Gap Filling:** 1"
- **Service Temperature:** -75° to 300° F for short periods of time
- **UV Rating:** Conforms to ASTM G26
- **Elongation:** 275%
- **Cartridge: Plastic –** 10.1 oz.
- **Warranty:** Limited
- **Hazardous Ingredients:** None

## SAMPLE COLORS:

White | Bright White | Tan | Sandstone

Cocoa Bean | Bronze | Pebble Gray | Gray

Charcoal | Black | Forest Green | Red

Ulta Clear | Translucent

ECO FRIENDLY

MARCO INDUSTRIES™

Roofing Ventilation & Accessories

# HydraShell™ Underlayment

## SUPERIOR SYNTHETIC PROTECTIVE UNDERLAYMENT

**Hydrashell Premium**

**Hydrashell Premium SA**

**Hydrashell Supreme**

**Hydrashell Supreme SA**

**Hydrashell Max**

QAI FPA 30 YEAR LIMITED WARRANTY ICC ES MIAMI DADE COUNTY APPROVED




## Features:

- **Hydrashell Max:** high-strength, lightweight synthetic underlayment with a 30-year limited warranty.
- **Hydrashell Supreme:** high-performance, synthetic underlayment that also offers a limited lifetime warranty.
- **Hydrashell Supreme SA:** A best choice in high-temp, easy-to-handle, self-adering synthetic underlayment.
- **Hydrashell Premium:** Amoung the safest, strongest, and best-performing solutions available, and carries a limited lifetime warranty.
- **Hydrashell Premium SA:** One of the strongest, and most reliable options in self-adhered roof underlayment available. Covered by a limited lifetime warranty.

## EXPAND YOUR ROOFING SYSTEM PERFORMANCE

**PREVENT LEAKS • PROTECT PROPERTY • ASSURE VENTILATION**

# MARCO INDUSTRIES™

## Roofing Ventilation & Accessories

**800.800.8590 - marcoindustries.com**