Core Components And Ventilated Roof System Guide For Concrete Tile Roofing





West Coast Contractor Guide

California, Intermountain, Southwest, Great Plains, Northwest and Western Canada

USA Owned. USA Made.





One Roof. One Time.

Providing Trustworthy Solutions for the Building Industry

Since 1989, Eagle Roofing Products has been the trusted leader in the building and roofing industries, offering the largest selection of stunning and sustainable concrete roof tiles in an array of profiles, textures and colors. *However, we are more than just roof tile*. We understand that for a functional roof to last decades, it goes beyond just the type of roofing material used. It's about the quality of the components that make up that roof, from the battens to the flashing, ventilation, weather blocking and more.

That's why we have partnered with some of the most established manufacturers in the roofing business to provide our customers with the right roof components to build a strong, reliable roof system that will properly protect their residential or commercial project. *A dynamic and complete tile roof system that is second to none and one that you can trust*.

Eagle Partners:

HIP

RAKE



Most products contained in this brochure are from third party vendors. **EAGLE ROOFING PRODUCTS DOES NOT WARRANT THESE PRODUCTS.** Please check manufacturer's website for warranty and product information.

Underlayments/Flexible Flashing



A flexible flashing material that can be used to make transition areas of a roof watertight. Available in two sizes, Secure Roll has applications for details such as sidewalls, headwalls, chimneys, skylights, pitch changes and roof penetrations.

- USA Made
- Non-Toxic Lead Alternative

· Ideal for Headwalls, Side Walls, Chimneys, Solar and Skylights

- Profile Specific
- · Fully Adhered

Packaged 2 Per Box			Stock Number
Black Flexible Flashing	11" x 33'	2 per Box	8106
Black Flexible Flashing	11" x 33'	BULK 21 box minimum	8106
Black Flexible Flashing	20" x 16-1⁄2'	2 per Box	8108
Black Flexible Flashing	20" x 16-1⁄2'	BULK 21 box minimum	8108

Flex Flash

A flexible flashing material that can be used to make transition areas of a roof watertight. Flex Flash has applications for details such as sidewalls, headwalls, chimneys, skylights, pitch changes and roof penetrations.

- USA Made
- · Easily Conforms To All Profiles
- Profile Specific
- · Easy To Install

Headwall Flashing - 15 ft. Per Roll Stock Number Flex Flash - Flat 9″ Terracotta Aluminum 8127 Flex Flash - Flat 9″ Black Aluminum 8128 Flex Flash - Malibu 13" Terracotta Aluminum 8129 Flex Flash - Malibu 13″ Black Aluminum 8130 Flex Flash - Capistrano 15-3/4" Terracotta Aluminum 8153 Flex Flash - Capistrano Black 15-3/4" Aluminum 8154 8117 Flex Flash - Capistrano 17-3/4" Terracotta Aluminum Flex Flash - Capistrano 17-3/4" Black Aluminum 8118

Flexible Flashing Installation Tool—Sold Individually

8202

Stock Number

Silicone Rollers

For pricing and availability, please contact your local Eagle Account Representative by visiting: www.eagleroofing.com

SECURE TILE ROOF"

COMPONENTS by Eagle Roofing Products

Flexible Flashing

Flex Seal

A weatherblocking product that can also be used as a flexible transition flashing.

- Butyl Adhesive Weatherblock
- All Aluminum Construction
- Easily Conforms To All Tile Profiles

Non-Vented Hip & Ridge Seal - 25ft. Per Rol



Non-vented Hip &	Ridge Se	eal - 25tt. P	er Roll	Stock Number
Flex Seal - Flat	9″	Terracotta	Aluminum	8119
Flex Seal - Flat	9″	Black	Aluminum	8120
Flex Seal - Flat	9″	Brown	Aluminum	8133
Flex Seal - Malibu	13″	Terracotta	Aluminum	8123
Flex Seal - Malibu	13″	Black	Aluminum	8124
Flex Seal - Malibu	13″	Brown	Aluminum	8132
Flex Seal - Capistrano	15-3/4″	Terracotta	Aluminum	8125
Flex Seal - Capistrano	15-3/4″	Black	Aluminum	8126

Flex Vent

*Core Ventilated Roof System Component

A combination weatherblocking/ridge vent. It meets the code requirements to weather block the ridges. It also has vent openings that allow it to be installed for the purposes of attic venting or as part of the Ventilated Roof System. Once installed, it is hidden under the trim tiles.



- Butyl Adhesive Attachment
- All Aluminum Construction

- Easily Conforms To All Tile Profiles
- Enables Attic Venting Through Ridge

Ridge Vent - 25ft.	Per Roll				Stock Number
Flex Vent - Flat	9″	Terracotta	Aluminum		8109
Flex Vent - Flat	9″	Black	Aluminum		8110
Flex Vent - Flat	9″	Brown	Aluminum		8134
Flex Vent - Malibu	13″	Terracotta	Aluminum		8113
Flex Vent - Malibu	13″	Black	Aluminum		8114
Flex Vent - Malibu	13″	Brown	Aluminum		8131
Flex Vent - Capistrano	15-3/4″	Terracotta	Aluminum		8115
Flex Vent - Capistrano	15-3/4″	Black	Aluminum	~	8116

Underlayment/Arched Battens

Underlayment

Eagle Armor by APOC is a premium, all-purpose fleece top underlayment and leak barrier that pairs beautifully with residential and commercial concrete roof tile applications. Superior protection against wind driven rain, ice dams, leaks and water damage, Eagle Armor by APOC is a high-caliber product that will prolong the life of your roof.

- USA Made
- Easy To Install
- Helps Prevents Leaks
- Prolongs Life of Roof
- APPROVALS:
- Exceeds performance requirements of ASTM D1970, TAS 103 & ICC AC 48.
- Miami-Dade County Product Control Approved.
- ASTM E108 and UL 790 when tested under Eagle Roofing Tiles it becomes a Class A Assembly.
 UL Classified File #R39178.
- Sold IndividuallyStock NumberEagle Armor60mils2 Sq/Roll8157

ARCHED BATTENS, ENERGY SAVING. INNOVATIVE DESIGN. SYSTEM DRIVEN.

Made specifically by Eagle, Arched Battens are raised battens that provide attachment for roof tiles with anchor lugs, and promotes airflow under a tile roof. Raising the tiles creates more airspace and aids in insulating the roof in hot climates, prevents ice damming in colder regions and dries out the tile in humid areas.

USA Made

- Created From Graded Lumber
- Prevents Water Damming
- Provides Thermal Barrier and Ventilation



SECURE TILE ROOF"

5%

*Core Ventilated Roof System Component

1 Square Per Bundle		Stock Number
Arched Battens - 1" x 1-3/16" x 8'	12/100 sq. ft.	8628
Borax Treated Arched Battens - 1" x 1-3/16" x 8'	12/100 sq. ft.	8629
Arched Battens - 1" x 1-3/16" x 4'	24/100 sq. ft.	8630
Borax Treated Arched Battens - 1" x 1-3/16" x 4'	24/100 sq. ft.	8631
Available Truck Loading		Bundle Quantities
Arched Battens 1" x 1-3/16" x 4 '	100-450 Bundles, 4	51-1200 Bundles, 1201-2400 Bundles
Arched Battens 1" x 1-3/16" x 8'	100-450 Bundles	, 451-900 Bundles, 901-1800 Bundles
Borax Treated Arched Battens 1" x 1-3/16" x 4'	100-450 Bundles, 4	51-1200 Bundles, 1210-2400 Bundles
Borax Treated Arched Battens 1" x 1-3/16" x 8'	100-450 Bundles	, 451-900 Bundles, 901-1800 Bundles

All Bulk orders must be shipped within (5) business days of the first shipment.

Ventilation

O'Hagin Tile Roof Vents *Core Ventilated Roof System Component

O'Hagin Vents are off-ridge vents that can be installed for the purposes of attic venting or as part of the Ventilated Roof System. O'Hagin Vents are designed as a two-piece system consisting of a primary vent (subflashing) and a profile-specific secondary vent (cover) which blends into the surrounding field tile.



- USA Made
- Profile Specific
- May Be Utilized For Air Intake and Exhaust
- Provide Superior Airflow
- · Easy To Install

Sold Individually			Number
O'Hagin Roof Vent - Malibu	26" x 19", 4" Flange	9 lbs Galvanized	8210
O'Hagin Roof Vent - Capistrano	24" x 19", 4" Flange	8 lbs Galvanized	8211
O'Hagin Roof Vent - Flat	29" x 19", 4" Flange	10 lbs Galvanized	8212
O'Hagin Fire-Ice Vent Malibu	26" x 19", 4" Flange	10 lbs Galvanized with stainless-steel me	sh 8213
O'Hagin Fire-Ice Vent Capistrano	24" x 19", 4" Flange	9 lbs Galvanized with stainless-steel me	sh 8214
O'Hagin Fire-Ice Vent Flat	29" x 19", 4" Flange	11 lbs Galvanized with stainless-steel me	sh 8215



Weather Blocking

Verde Weatherblock

Verde Weatherblock is a rigid, UV-stable plastic weatherblocking product that is profile specific. Attached to the trim nailer board prior to the attachment of the trim, it is available in straight ridge pieces and angled hip pieces. (For flat tile, a universal piece is used.)



- USA Made
- Available For All Profiles
- Alternative To Mortar
- Ideal For All Climates
- U.V. Resistant

Sold in Footage			Stock Number
Universal Flat - Hip/Ridge	200' per box	Plastic	8218
Malibu - Ridge	300' per box	Plastic	8219
Malibu - Left Hip, Right Hip	300' per box	Plastic	8220
Capistrano - Ridge	300' per box	Plastic	8221
Capistrano - Left Hip, Right Hip	300' per box	Plastic	8222



Rake Seal is a weatherblocking material that takes the place of rake tile or mortar on rake edges. Rake Seal is designed for flat tile roofs, and is available in two sizes for roofs with and without battens.

- USA Made
- Gable End Finish
- · Nailable/Adhesive
- U.V. Resistant
- · Alternative to Rake Trim

ECURE TILE ROOF [®] OMPONENTS Eagle Roofing Products

Approx. 100 Per Box		Stock Number
Flexible Foam	Direct to Deck	8507
Elexible Foam	Raised/Batten	8508

Weatherblock

Approx. 10 Ft. Per Piece			Stock Number
Capistrano	Black	Galvanized	7012 E
Capistrano	Terracotta	Galvanized	7013 E

For pricing and availability, please contact your local Eagle Account Representative by visiting: www.eagleroofing.com

Weather Blocking, Installation Details







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Metal Flashing

Metal Flashings *Core Ventilated Roof System Component

- USA Made
- Profile Specific
- Large Nailing Flange

Approximately 10ft. Per Piece—2	6 Gauge			Stock Number
Capistrano Birdstop		Terracotta	Galvanized	7000 E
Capistrano Birdstop		Black	Galvanized	7010 E
Capistrano Ventilated Birdstop*		Terracotta	Galvanized	7500
Capistrano Ventilated Birdstop*		Black	Galvanized	7510
Capistrano Raised Ventilated Birdstop*		Terracotta	Galvanized	7501
Capistrano Raised Ventilated Birdstop*		Black	Galvanized	7511
Capistrano Raised Non-Vented Birdstop		Terracotta	Galvanized	7522
Capistrano Raised Non-Vented Birdstop		Black	Galvanized	7518
Malibu Birdstop		Terracotta	Galvanized	7020 E
Malibu Birdstop		Black	Galvanized	7030 E
Malibu Ventilated Birdstop*		Terracotta	Galvanized	7520
Malibu Ventilated Birdstop*		Black	Galvanized	7530
Malibu Raised Ventilated Birdstop*		Terracotta	Galvanized	7521
Malibu Raised Ventilated Birdstop*		Black	Galvanized	7531
Malibu Raised Non-Vented Birdstop		Terracotta	Galvanized	7523
Malibu Raised Non-Vented Birdstop		Black	Galvanized	7525
Flat Eave Riser	1-1/2" × 1-1/2"	Black	Galvanized	7080 E
Flat Eave Riser	1-1/2" x 1-1/2"	Brown	Galvanized	7060 E
Flat Ventilated Eave Riser*	1-1/2" x 1-1/2"	Brown	Galvanized	7560
Flat Ventilated Eave Riser*	1-1/2" x 1-1/2"	Black	Galvanized	7590
Flat Raised Ventilated Eave Riser*	2"x 2"	Black	Galvanized	7591
Flat Raised Ventilated Eave Riser*	2' × 2"	Brown	Galvanized	7561
Flat Raised Non-Vented Eave Riser	2" × 2"	Black	Galvanized	7519
Flat Raised Non-Vented Eave Riser	2" × 2"	Brown	Galvanized	7524
Raised Rake OA: 5.5" x 3", Ribbed Pan: 4	1", Raised Face: 3", Fascia Cover: 1.5"	Black	Galvanized	7087 E
Raised Rake OA: 5.5" x 3", Ribbed Pan: 4	4", Raised Face: 3", Fascia Cover: 1.5"	Brown	Galvanized	7086 E
Standard Rake OA: 4" x 5", Ribbed Pan: 4",	Raised Face: 3", Drip Edge: 2"	Black	Galvanized	7092 E
Standard Rake OA: 4" x 5", Ribbed Pan: 4",	Raised Face: 3", Drip Edge: 2"	Brown	Galvanized	7089 E

Metal Flashing, Down Slope Eave Details



Single Piece Raised Rake

Single Piece Standard Rake



For pricing and availability, please contact your local Eagle Account Representative by visiting: www.eagleroofing.com If you are in a WUI area, consult with your local jurasdiction.

Brackets, Clips & Fasteners

Ridge Brackets

Sold Individually		Stock Number
Ridge Bracket	Galvanized	8201

Snow Brackets

Sold Individually			Stock Number
"A" Snow Bracket	16-1/16"L x 3-3/8"W x 3"H	Black Steel	11004
"A" Snow Bracket	16-1/16"L x 3-3/8"W x 3"H	Brown Steel	11003

Wind Clips

500 Per Box			Stock Number
Capistrano	3-3/8″	Galvanized	6036
Malibu	2-7/8″	Galvanized	6034
Flat	2-1/4″	Galvanized	6037
Flat-Fascia	3/4"	Galvanized	6033

Boosted Capistrano Wire Clips

Approx. 100 Per Box		Stock Number
Boosted Capistrano Wire Clips	Stainless Steel	6966

Roof Tile Adhesive

Tile Bond is an adhesive foam that is used to attach tiles. Tile Bond can be used in high-wind applications with or without mechanical fasteners. It can also be used for applications where mechanical fasteners are not an option or not preferred.

Tile Bond			Stock Number
23lb. Foam Canister, Hose/Gun, Wrench, Valve	Kit	One	8140
28 oz. Repair Cans	Case	12 Cans	8141

Brackets, Clips & Fastener, Installation Details

Ridge Brackets



Capistrano Wind Clip



Malibu Wind Clip





Flat Wind Clip





Flat Fascia Wind Clip





Boosted Capistrano Wire Clips







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2 AIRFLOW



2011

The Ventilated Roof System: Function and Beauty At Its Finest

There is no doubt that an Eagle concrete tile roof is beautiful and incredibly durable. However, did you know that you can increase the longevity of the roof itself, and further enhance the inherent energy efficiency properties and R-value, by upgrading to a **Ventilated Roof System**?

A Ventilated Roof System is comprised of three key elements and components:

1. Intake: Air enters the roof system through a *perforated metal eave closure*.

A standard eave closure offers a small drainage opening and does not encourage air intake.

2. Airflow: The velocity of the airflow under the roof tiles is elevated by using *Eagle's Arched Battens*. The arches serve a dual purpose of promoting energy saving airflow, while facilitating drainage preventing water damage to the underlayment and roof deck.

3. Exhaust: Proper air exhaust occurs in the upper third of the tile roof system. Exhaust can be accomplished with ridge ventilation, or with profile specific *O'Hagin Roof Vents*.

Install a concrete tile roof you can be proud of! The Ventilated Roof System aids in extending the lifespan of the underlayment, and components, as well as helps your customers save on energy costs by reducing the heat transfer through the attic into the living space.

For more information on the Ventilated Roof System and accompanying components, please contact your local Eagle Account Representative at www.eagleroofing.com

Eagle Design Centers & Manufacturing Facilities Servicing the United States and Canada

Whether you are an Architect, Builder, Designer, Distributor, Roofer or Homeowner, with four manufacturing plants servicing the United States and Canada, our customers can rest assured that we can provide the highest quality roofing materials and components to meet their needs. Durable, sustainable products and lasting customer relationships are the core of our business. That's what inspires us to be your company of choice. **That's what makes us different**.



Eagle Design Centers

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Granite Bay, CA 95746 Phone: 916-789-4555

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Eagle is proud to be affiliated with these organizations:

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