MonierLifetile®

Energy Efficient Roof System

Delivers a structurally superior tile roof, while reducing energy costs for homeowners.

The numbers tell the story

50% Reduction in the amount of heat penetrating the conditioned space versus direct-to-deck installations*

22% Reduction in energy consumption**

A Long-Term Solution

• Breathable assembly allows roof to ventilate and dry out
• Dry components last longer
• Entire roof lasts longer

As the sun slowly heats the tiles during the day, the air beneath the tiles in the sub-tile space is slowly heated. Rising heated air escapes through a vented ridge weather block, such as Figaroll, Zephyr Roll® or MLT RidgeVent.

“...venting offers a significant 50% reduction in the heat penetrating the conditioned space as compared to an asphalt shingle roof in direct contact with the roof deck.”

William A. Miller, Ph.D.
Buildings Technology Center, Oak Ridge National Laboratory

*Up to 50% reduction Steep-slope Assembly Testing of Clay and Concrete Tile with and without Cool Pigmented Colors, Oak Ridge National Laboratory, 2005. Results vary based on profile of tile installed.

**Up to 22% reduction Steep-slope Assembly Testing of Clay and Concrete Tile with and without Cool Pigmented Colors, Oak Ridge National Laboratory, 2005. Results vary based on profile of tile installed.
A single roof can impact our world

MonierLifetile is the roofing product that has been green for decades in the U.S. and for a generation through our European lineage. As a leader in the Green Building movement, MonierLifetile is committed to using naturally available materials which mitigates the negative impact to the environment and emphasizes conservation and energy efficiency.

Concrete roof tile is inherently sustainable. The durable lifecycle of MonierLifetile products – from beginning to end – meets the needs of the present without compromising those of the future.

MonierLifetile is committed to reducing the total amount of greenhouse gases produced – from the environmentally conscious manufacture of the product; to the plant-to-market transport radius; to the ultimate re-use and recyclability – thereby minimizing our carbon footprint.

Concrete roof tile is known for its longevity and small footprint on the planet

Green from the Outset. Lasts for Generations.

- Locally harvested raw materials
- Low impact manufacturing processes lessen our carbon footprint
- Concrete tile reabsorbs up to 20 percent of carbon dioxide emissions
- Energy efficient installation techniques minimize heating and cooling costs
- Natural in origin, concrete tiles can be recycled to minimize environmental impact

Being a green leader, MonierLifetile is committed to providing the most energy efficient and environmentally friendly tile roof system in the U.S.

MonierLifetile’s 13 plants across the United States are strategically located to provide quick service to local markets. This manufacturing diversification also reduces our carbon footprint by reducing the transportation distance necessary to deliver raw materials to our production facilities and finished product to customers.
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Code Approval: Complies with all building codes including but not limited to ICC ESR-1647. Some approvals are regional and only apply to locally produced products; please contact MLT before transporting product across state lines. Specifically, products used in the Miami Dade County region of Florida require special testing and recognition.

Disclaimer: The printed colors shown in this brochure may vary from actual available tile colors. Before making a final selection, be sure to review actual tile samples and roof installations. Please contact your local sales office for further assistance. Categories, typographical errors subject to change without notice. No performance guarantee is offered or implied beyond that expressly indicated.

Efflorescence is a temporary surface condition which is common to all concrete products. The process is caused by the chemical nature of cement. This reaction can appear as an overall chalky white bloom (a softening of color) or in more concentrated patches. It is difficult to predict how long the effects of efflorescence will last. It depends on the type and amount of deposit as well as local weather conditions. The action of carbon dioxide and rainwater will gradually remove the deposit, in most cases, leaving the original color of the roof intact without further efflorescence occurring. It is superficial and in no way affects the quality or functional properties of the tile.

Installation: Please consult the Tile Roofing Institute (TRI) Installation guides for application recommendations.

Technical specifications do not constitute a warranty by MonierLifetile. The only applicable warranty with respect to this product is the Limited Lifetime, Fully Transferable, Non-Prorated Product Warranty for tile contained in MonierLifetile’s product literature, dated most recently prior to the installation of this product on the owner’s roof. For more warranty information, please call (888) 926-2585.
**Profile Overview**

**Standard Weight Tile**

**Barcelona**

Barcelona is reminiscent of the Spanish roofs found on early missions in California, dramatically capturing the beautiful, rustic appearance of the Old World.

- Classic style with the durability and value of concrete tile
- Distinct hue combinations that create a beautiful, rustic appearance

**Boosted Barcelona Caps**

Boosted Barcelona Caps is an available installation application when combined with Barcelona field tiles, replicates the appearance of an authentic mortar-boosted tile.

- Available in colors that emulate the warm, rustic tones of natural clay
- Superior manufacturing techniques make Boosted Barcelona simple to install – reducing installation costs

**Villa**

Villa emulates the most popular tile in the world faithfully re-creating the beautiful Mediterranean style popular in Italy and Southern France.

- Unique colors and blends can enhance any architectural theme
- Superior strength and durability of concrete tile

**Saxony**

This beautiful design is representative of the roof styles found in England, Northern Europe and the Eastern Seaboard, and is versatile enough to accentuate any architectural style.

- Unique colors and blends can enhance any architectural theme
- Available in a variety of surface treatments that emulate natural materials while offering the strength and durability of concrete tile

**MonierLifetile Madera**

MonierLifetile Madera is the most affordable, authentic replication of a hand-split cedar shake roof available. With its realistic wood shake surface, MonierLifetile Madera is flexible enough to complement any architectural style.

- Realistic colors that emulate the natural colors and textures of cedar shake
- Class A fire rating: superior resistance to wind and hail

MonierLifetile has a variety of tile profiles and colors that are CRRC certified to meet California Title 24 requirements. For specifics on these products in your area, please contact your local MLT Sales Representative for more information.

**Best Sellers**

Our most popular colors as chosen by you, our customer. Products noted as Best Sellers are our most readily available colors, please check with your local Sales Representative for current tile availability.
Marbled Terra Cotta  1BCCS6129
Capri Trim  1CTCS6129
Capri Hip Starter  1CHCS6129R
Capri Apex 3-Way  1C3CS6129R

Capri Trim  1CTCS6129
Capri Hip Starter  1CHCS6129R
Capri Apex 3-Way  1C3CS6129R

Barcelona
Autumn Blend  1BCCS6160
Capri Trim  1CTCS6160
Capri Hip Starter  1CHCS6160
Capri Apex 3-Way  1C3CS6160

Morning Rose  1BCCS7310
Camelot  1BCCS7954
Casa Grande Blend  1BCCS6169
Apple Bark  1BCCS0431
Buckskin  1BCCS0141

Red Castle  1BCCS7970
Apple Bark  1BCCS0431
Autumn Blend  1BCCS6160

Cliffside  1BCCS3940
Camelot  1BCCS7954
Buckskin  1BCCS0141

Casa Grande Blend  1BCCS6169

The printed colors shown in this brochure may vary from actual available tile colors.
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Boosted Barcelona Caps is an available application of Barcelona tile and should be installed with Barcelona field tile.
The printed colors shown in this brochure may vary from actual available tile colors.
Shake

Shake perfectly captures the rustic warmth and beauty of country living by re-creating the look of hand-hewn shakes.

Slate

Slate is designed to complement the inherent beauty in French and Tudor architectural styles. Available in a broad range of colors, it faithfully captures the appearance of natural slate.

Split Old English Thatch

Split Old English Thatch combines the look of a natural slate with the varied appearance of a hand-hewn split tile capturing the charming architecture of an old English countryside.

Hartford® Slate

Hartford Slate has a textured surface designed to emulate natural slate. Natural slate is the traditional roofing material used for homes in the Eastern States, Great Britain and Northern Europe.

This beautiful design is representative of the roof styles found in England, Northern Europe and the Eastern Seaboard; and is versatile enough to accentuate any architectural style.

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• Available in a variety of surface treatments that emulate natural materials while offering the strength and durability of concrete tile

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Shake

Shake perfectly captures the rustic warmth and beauty of country living by re-creating the look of hand-hewn shakes.
Stone Mountain Blend
90˚ Rake
3-Sided Ridge
3-Sided Hip Starter
Apex 3-Way
Apex 4-Way

Charcoal Brown Blend
90˚ Rake
3-Sided Ridge
3-Sided Hip Starter
Apex 3-Way
Apex 4-Way

Toffee
90˚ Rake
3-Sided Ridge
3-Sided Hip Starter
Apex 3-Way
Apex 4-Way

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F.O.B. Stockton, CA
Premium Product
Autumnwood
90˚ Rake 1R9CS3002
3-Sided Ridge 1R3CS3002
3-Sided Hip Starter 1FHCS3002
Apex 3-Way 13ACS3002

Charcoal
90˚ Rake 1R9CS1130
3-Sided Ridge 1R3CS1130
3-Sided Hip Starter 1FHCS1130
Apex 3-Way 13ACS1130

Vintagewood
90˚ Rake 1R9CS5011
3-Sided Ridge 1R3CS5011
3-Sided Hip Starter 1FHCS5011
Apex 3-Way 13ACS5011

Cliffside
90˚ Rake 1R9CS3940
3-Sided Ridge 1R3CS3940
3-Sided Hip Starter 1FHCS3940
Apex 3-Way 13ACS3940

Toffee
90˚ Rake 1R9CS0007
3-Sided Ridge 1R3CS0007
3-Sided Hip Starter 1FHCS0007
Apex 3-Way 13ACS0007

Cliffside
90˚ Rake 1R9CS3940
3-Sided Ridge 1R3CS3940
3-Sided Hip Starter 1FHCS3940
Apex 3-Way 13ACS3940

Buckskin
90˚ Rake 1R9CS0141
3-Sided Ridge 1R3CS0141
3-Sided Hip Starter 1FHCS0141
Apex 3-Way 13ACS0141

Saxony Split Old English Thatch charcoal should be applied in a random, broken-bond with a minimum 3” offset between the sidelaps of adjacent courses.
Sidelaps in alternate courses shall not be in direct alignment. Saxony Split Old English Thatch should be installed using a 4” headlap.

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### Shake

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Best Sellers

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Shake

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Best Sellers

Saxony Shake Charcoal Blend

Desert Breeze
90˚ Rake
3-Sided Ridge
3-Sided Hip Starter
Apex 3-Way
Apex 4-Way
1SRCF3156
1R9CL3156
1R3CL3156
1FHCL3156
13ACL3156
14ACB3156

Charcoal Blend
90˚ Rake
3-Sided Ridge
3-Sided Hip Starter
Apex 3-Way
Apex 4-Way
1SRCF1430
1R9CL1430
1R3CL1430
1FHCL1430
13ACL1430
14ACB1430R

Hickory
90˚ Rake
3-Sided Ridge
3-Sided Hip Starter
Apex 3-Way
Apex 4-Way
1SRCF3726
1R9CL3726
1R3CL3726
1FHCL3726
13ACL3726
14ACB3726
MonierLifetile provides all of the necessary products for a durable and beautiful roof installation. Our trim tile is the most efficient and attractive way to complete your roof. In addition to rake and ridge pieces, MonierLifetile manufactures hip starters and apex tiles that ease installation. All are protected by our Limited Lifetime, Fully Transferable, Non-Prorated Product Warranty for tile.

- Precision production techniques provide a consistent look throughout the project
- Colors and textures complement field tile; no need to mix colored mortar
- Easier and faster to install than mortar balls; no second steps
- Reduces labor time and expense

### Barcelona
<table>
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<tr>
<th>Capri Trim</th>
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<th>Apex 3-Way</th>
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### Villa
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<th>Capri Trim</th>
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<th>Apex 3-Way</th>
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### Saxony
- Hartford Slate
- Split Old English Thatch Slate
- 90° Rake
- 3-Sided Ridge
- 3-Sided Hip Starter
- Apex 3-Way
- Apex 4-Way

### MonierLifetile® Madera
- 90° Rake
- V-Ridge
- Tapered Eave Starter
**Piece-by-piece peace of mind.**

At MonierLifetile we view a roof as not a mere tile covering but a dynamic, performing system that protects, breathes and ages with the structure. By studying roof performance characteristics and failure points, we have created Roof System Components – a collection of components that, when installed properly and used comprehensively, result in a tile roof that lasts longer and increases energy savings.

- Ensures all areas of a roof are protected and utilized for optimum performance
- Improves weatherproofing and “breathability” of a tile roof
- Helps prevent water damage
- Increases airflow and ventilation
- Provide aesthetically pleasing design elements
- When used together, selected products form our Energy Efficient Roof System

These components further reinforce our belief that we must strive to perfect not only a roof’s aesthetic form, but also its primary function. Only then can we provide our customers with a roofing solution unmatched by any other roofing company.

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**Valleys (Page 27)**

Channeling water properly helps prevent it from collecting on the deck—which can damage the underlayment and cause the roof deck and underlying structure to rot.

- Ribbed Valley Metal

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**Fasteners (Page 23)**

While standard roofing nails are typically used according to local code requirements, MonierLifetile recommends premium fasteners that offer added performance and security.

- QuikDrive® Screws
- Boosted Barcelona Wire Ties

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**Hips and ridge weather blocking helps prevent wind-driven rain, snow and other debris from entering the peaks and corners of a roof, and increases ventilation.**

- Figaroll
- Zephyr Roll®
- Zephyr Block
- MLT RidgeVent
- MLT Universal Water Dam
- Ridge Riser

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**Vents (Page 27)**

It’s estimated 75% of homes have deficient attic ventilation, which increases energy costs and diminishes the lifespan of roofing underlaminents. These products ensure proper ventilation and help reduce energy costs.

- Brandguard Flame and Ember Resistant Vents

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**Hip & Ridge (Page 24-25)**

Hips and ridge weather blocking helps prevent wind-driven rain, snow and other debris from entering the peaks and corners of a roof, and increases ventilation.
Our Elevated Battens are a crucial aspect of MonierLifetile’s Energy Efficient Roof System, and improve the performance of any tile installation. They provide positive anchoring for each tile, raising each tile off the roof deck for enhanced water flow and ventilation.

- Elevated Batten System™ (EBS)
- Fire Retardant EBS
- Batten Extenders

Proper flashings prevent water, snow and debris from entering joints where the walls meet the roof deck. The use of flashing creates the proper barrier in this situation.

- Wakaflex®

While tile is ultimately the first line of defense against the elements, underlayments provide a secondary level of protection directly on top of the roof deck from deterioration, moisture and leaks.

- MLT TileSeal®

Proper eave treatment creates a finished look for the roof and enhances its overall functionality. By elevating the first course of tile to the proper height, it completes the overall aesthetic of the roof, and prevents infestation.

- Vented Eave Riser
- Eave Closure
- Anti Ponding Taper Strip

Use the best tools for the job. MonierLifetile offers the QuikDrive® screw gun and roofing specific screws for fast, easy and reliable fastening.

- QuikDrive® Auto-Feed Screw Gun & Case
Elevated Batten System™ Part of the MonierLifetile® Energy Efficient Roof System

- Allows water to pass freely beneath the batten
- Prevents water damming that can damage the roof deck
- Significantly reduces nail penetrations
- Provides an effective thermal barrier
- Suitable for all tile profiles
- Reduces labor and installation costs
- Construction grade or better Douglas Fir, graded for split shake, wane and knot size
- Patent # 6,536,171 B1
- Volume pricing available

Batten Extenders (Fits on 1” x 2” battens only)

- Elevated to allow water to pass freely beneath the extender
- Perfect for cut tiles at the valley and other roof intersections
- Suitable for all tile profiles
- Injection molded plastic
- Volume pricing available

Eaves

Vented Eave Riser

- Enhanced aesthetics at the eave
- Superior fit for most MonierLifetile profiles
- Provides tile space ventilation
- Allows for reduced energy consumption
- 26 ga galvanized steel, painted
- Patent # D483 133
- Volume pricing available

Eave Closure

- Elevates eave course to the proper height
- Helps to prevent wind driven rain and vermin from damaging the roof deck
- Provides a finished appearance to the eave area of the roof for all MonierLifetile profiles
- Volume pricing available

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No performance guarantee is offered or implied beyond that expressly indicated.
Anti-Ponding Taper Strip

- Meets code requirements for eave treatments
- Helps to prevent water from collecting behind raised fascia and causing rot
- Lightweight easy to handle and install
- An economical choice when compared with metal anti ponding systems

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Part Number Description Profile

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- 91213 EBS - Vented Eave Riser - Metal - Terra Cotta Barcelona
- 91118 Vented Eave Riser - Metal - Charcoal Grey Barcelona
- 91211 Vented Eave Riser - Metal - Terra Cotta Barcelona
- 91086 Eave Closure - Metal - Charcoal Grey Barcelona
- 91191 Eave Closure - Metal - Terra Cotta Barcelona
- 91123 EBS - Vented Eave Riser - Metal - Charcoal Grey Villa
- 91214 EBS - Vented Eave Riser - Metal - Terra Cotta Villa
- 91124 Vented Eave Riser - Metal - Charcoal Grey Villa
- 91198 Vented Eave Riser - Metal - Terra Cotta Villa
- 91083 Eave Closure - Metal - Charcoal Grey Villa
- 91195 Eave Closure - Metal - Terra Cotta Villa
- 91196 EBS - Vented Eave Riser - Metal - Brown Saxony
- 91121 EBS - Vented Eave Riser - Metal - Charcoal Grey Saxony
- 91119 Vented Eave Riser - Metal - Charcoal Grey Saxony
- 91197 Vented Eave Riser - Metal - Brown Saxony
- 91122 Eave Closure “T” 1 1/2” 60°/120° - Metal - Charcoal Grey Saxony
- 90068 Eave Closure “T” 1 1/2” 60°/120° - Metal - Brown Saxony
- 91126 Eave Closure “L” 1 1/2” - Metal - Charcoal Grey Saxony
- 90150 Eave Closure “L” 1 1/2” - Metal - Brown Saxony
- 90050 Eave Closure “T” 7/8” - Brown MLT Madera
- 91193 Eave Closure “L” 7/8” - Brown MLT Madera

No performance guarantee is offered or implied beyond that expressly indicated.
Fasteners

QuikDrive® Screws

- ASTM 641, Class 1 Screws - Roofing Specific
- Single screw installation improves tile walkability
- Suitable for all tile profiles

Boosted Barcelona Wire Ties

- Wire Ties and instructions for Boosted Barcelona Caps are included in the pallet of field tile; order additional through this part number
- 16 ga galvanized steel, 140 pieces per bag

Flashings

Wakaflex®

- Universal flashing suitable for all roof abutments and all tile profiles
- Excellent alternative to lead or metal flashing
- A must-have for tricky details and small repairs
- Easy to handle and self-adhering for a fast installation; no special tools or soldering required
- Volume pricing available
- Provides a clean, finished appearance
- Paintable to match surrounding field tiles
- No environmental concerns
- Polyisobutylene (PIB) with aluminum webbing and butyl adhesive edges
- Volume pricing available

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Profile</th>
</tr>
</thead>
<tbody>
<tr>
<td>90210</td>
<td>QuikDrive® 2&quot; Yellow Zinc Galvanized Screws</td>
<td></td>
</tr>
<tr>
<td>90211</td>
<td>QuikDrive® 2 1/2&quot; Yellow Zinc Galvanized Screws</td>
<td></td>
</tr>
<tr>
<td>90920</td>
<td>QuikDrive® 2&quot; N2000 Nickel Zinc Galvanized Screws</td>
<td></td>
</tr>
<tr>
<td>10912</td>
<td>Wakaflex® 11&quot; x 33' - Black</td>
<td>All</td>
</tr>
<tr>
<td>91216</td>
<td>Wakaflex® 22&quot; x 16 3/8' - Black</td>
<td>All</td>
</tr>
</tbody>
</table>

• 10 ga galvanized steel
• See Tools section on page 26 for QuikDrive screw guns

No performance guarantee is offered or implied beyond that expressly indicated.
Hip & Ridge

**Figaroll**  Part of the MonierLifetile® Energy Efficient Roof System

- Universal ridge vent and weather block
- Cost effective, code-compliant ventilation
- 8 Square inches per linear foot ventilation area provides venting at optimal location while reducing field vent requirements
- Volume pricing available

**Zephyr Roll**  Part of the MonierLifetile® Energy Efficient Roof System

- Universal ridge vent and weather block
- Cost effective, code-compliant ventilation
- 8 Square inches per linear foot ventilation area provides venting at optimal location while reducing field vent requirements
- Rollable installation reduces labor and installation costs
- Butyl adhesive strips provide a weather-tight seal
- Two sizes fit all tile profiles
- Volume pricing available

**Zephyr Block™**

- Universal hip and ridge weather block
- Cost effective
- Rollable installation reduces labor and installation costs
- Butyl adhesive strips provide a weather-tight seal
- Flexible enough to fit any tile profile
- Volume pricing available
**MLT RidgeVent**  Part of the MonierLifetile® Energy Efficient Roof System

- Eliminates field and dormer vents for most roof designs with sufficient soffit venting
- 22 sq. inches per lineal foot net free air flow at optimal location
- Ridge component of the MLT Energy Efficient Roof System – which enhances energy savings when installed with MLT’s Elevated Battens and Vented Eave Risers
- Less expensive than the traditional application of mortar or rolled weather block plus field or dormer vents
- All-in-one ridge vent and weather block solution
- Can be used with any manufacturer’s flat profile roof tiles

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Profile</th>
</tr>
</thead>
<tbody>
<tr>
<td>91302</td>
<td>MLT RidgeVent 10 3/4” x 20’ - Black</td>
<td>Saxony</td>
</tr>
<tr>
<td>91301</td>
<td>Drop Ship/Ship To - 28 Pallets/HTL</td>
<td></td>
</tr>
<tr>
<td>91300</td>
<td>Drop Ship/Ship To - 56 Pallets/FTL</td>
<td></td>
</tr>
</tbody>
</table>

**MLT Universal Water Dam**  Part of the MonierLifetile® Energy Efficient Roof System

- In severe weather regions of high wind driven rain, MLT Universal Water Dam must be used with MLT RidgeVent at all ridges and as necessary, the top third of hips
- For use with MLT RidgeVent at top third of hips only in all remaining regions where severe weather does not occur
- Exceeds ICC and Miami-Dade wind drive rain performance tests
- 22 square inches net free airflow per lineal foot at optimal location when used with MLT RidgeVent
- Adheres directly to the roof deck for ease of installation
- Self-end capping to prevent water intrusion at the gable ends

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Profile</th>
</tr>
</thead>
<tbody>
<tr>
<td>91305</td>
<td>MLT Universal Water Dam 14” x 20’ - Black</td>
<td>Saxony</td>
</tr>
<tr>
<td>91304</td>
<td>Drop Ship/Ship To - 28 Pallets/HTL</td>
<td></td>
</tr>
<tr>
<td>91303</td>
<td>Drop Ship/Ship To - 56 Pallets/FTL</td>
<td></td>
</tr>
</tbody>
</table>

**Ridge Riser**

- Elevates ridge board to proper height
- One size fits all tile profiles
- Use of a common 2” x 2” nailer on all tile profiles reduces lumber costs and eliminates the need to inventory multiple ridge board sizes
- 16 ga galvanized steel
- Volume pricing available

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Profile</th>
</tr>
</thead>
<tbody>
<tr>
<td>90760</td>
<td>Ridge Riser</td>
<td>All</td>
</tr>
</tbody>
</table>
Rake & Gable End

Gable End Wedges

- Easily conforms to the shape of the tile to fill space created by overlapping tiles at the rake
- Maintains the look of a traditional wood shake rake line
- Helps eliminate the migration of vermin and debris under the roof system

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Profile</th>
</tr>
</thead>
<tbody>
<tr>
<td>91236</td>
<td>EBS - Rubber Wedges</td>
<td>Saxony</td>
</tr>
<tr>
<td>91235</td>
<td>Deck - Rubber Wedges</td>
<td>Saxony</td>
</tr>
<tr>
<td>91111</td>
<td>Batten - Rubber Wedges</td>
<td>Saxony</td>
</tr>
<tr>
<td>91233</td>
<td>EBS - Rubber Wedges</td>
<td>MLT Madera</td>
</tr>
<tr>
<td>90137</td>
<td>Deck - Rubber Wedges</td>
<td>MLT Madera</td>
</tr>
</tbody>
</table>

• Low cost, easy to install
• Option to standard rake tiles or mortar and mortar backing
• Allows for molded or sculpted finishes at the rake edge

Metal Rake Trim

- Provides a finished appearance to the rake line
- Helps to prevent the migration of debris and vermin under the roof system
- Easy to install
- 26 ga galvanized steel, painted

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Profile</th>
</tr>
</thead>
<tbody>
<tr>
<td>90136</td>
<td>Metal Rake Trim - Brown</td>
<td>MLT Madera</td>
</tr>
</tbody>
</table>

Tools

QuikDrive® Auto-Feed Screw Gun and Case

- Suitable for all tile profiles
- Screw installation improves tile walkability
- Adjustable depth control
- Full year manufacturer’s warranty
- See Fasteners section on page 23 for QuikDrive screws

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Profile</th>
</tr>
</thead>
<tbody>
<tr>
<td>91060</td>
<td>Corded QuikDrive® Auto-Feed Screw Gun and Case</td>
<td>All</td>
</tr>
<tr>
<td>90165</td>
<td>Cordless QuikDrive® Auto-Feed Screw Gun and Case</td>
<td>All</td>
</tr>
</tbody>
</table>
Underlayments

MLT TileSeal®
- Modified asphalt with woven polyester surface
- Self-adhesive tile underlayment for a fast and easy installation
- Stable in high temperatures
- Superior slip resistant surface
- Provides an excellent adhesion surface for foam installations
- Seals penetrations in mechanically fastened installations
- 20 year manufacturer's warranty
- UV resistant for up to 6 months
- Modified asphalt with a woven polyester surface
- Stable between -25° F and 200° F
- Approvals: Dade County Approval No. 02-0919.10; SBCCI PST & ESI Evaluation Report No. 9660; ASTM D4869, Type I and Type II, ASTM D226, Type I and Type II; ICBO ASTM D 1970, ASTM D412, ASTM D903, ASTM E 96, ICBO AC 48; Dade County TAS 103; Underwriters Laboratory
- Volume pricing available

Valleys

Ribbed Valley Metal
- Suitable for all tile profiles
- Universal for all slopes and tile applications
- Raised ribs elevate tile and battens out of water flow area, preventing debris accumulation
- Volume pricing available
- Channels water off of the roof, helping to prevent lateral flow across the roof deck
- Flat outside edges allow fastening and sealing outside of the water flow area

Vents

Brandguard Flame and Ember Resistant Vents
- Complete line of flame and ember resistant vents
- Safety vents reduce the risk of fire due to direct flame and flying embers
- Reduce risk of damage due to wind driven rain or snow
- 20 year limited warranty
- Comparable NFVA to conventional vent designs - independently tested and certified
- Easy to paint
- Made with 26 gauge galvanized steel, G90 for long life
- Patent pending overlapping baffle design compliant with new California Ch7a Building Code

Part Number | Description | Profile
--- | --- | ---
91020 | 2 Square Roll - 20 Rolls/Pallet | All
91059 | Drop Ship/Ship To - 720 Rolls/Truck | All

Part Number | Description | Profile
--- | --- | ---
91165 | 5 Ribbed Valley Metal 1” Ctr. Diverter | All
## Technical Specifications and Packaging - Standard Weight Tile

### Barcelona - F.O.B. Rialto, CA

<table>
<thead>
<tr>
<th></th>
<th>Coverage</th>
<th>Approx. Installed Weight</th>
<th>Pieces Per Pallet</th>
<th>Squares Per Pallet</th>
<th>Approx. Weight Per Pallet</th>
<th>Price Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barcelona</td>
<td>89</td>
<td>900 lbs</td>
<td>267</td>
<td>3</td>
<td>2740 lbs</td>
<td>$ /Square</td>
</tr>
<tr>
<td>Capri Trim</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>1710 lbs</td>
<td>$ /Piece</td>
</tr>
<tr>
<td>Capri Hip Starter</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>$ /Piece</td>
</tr>
<tr>
<td>Capri Apex 3-Way</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>$ /Piece</td>
</tr>
</tbody>
</table>

### Villa - F.O.B. Rialto, CA

<table>
<thead>
<tr>
<th></th>
<th>Coverage</th>
<th>Approx. Installed Weight</th>
<th>Pieces Per Pallet</th>
<th>Squares Per Pallet</th>
<th>Approx. Weight Per Pallet</th>
<th>Price Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Villa</td>
<td>87</td>
<td>900 lbs</td>
<td>308</td>
<td>3.54</td>
<td>3180 lbs</td>
<td>$ /Square</td>
</tr>
<tr>
<td>Capri Trim</td>
<td>-</td>
<td>-</td>
<td>190</td>
<td>-</td>
<td>1710 lbs</td>
<td>$ /Piece</td>
</tr>
<tr>
<td>Capri Hip Starter</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>$ /Piece</td>
</tr>
<tr>
<td>Capri Apex 3-Way</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>$ /Piece</td>
</tr>
</tbody>
</table>

## Boosted Barcelona Caps - F.O.B. Rialto, CA

<table>
<thead>
<tr>
<th></th>
<th>Available Applications Approx. Installed Weight</th>
<th>Pieces Per Pallet</th>
<th>Approx. Weight Per Pallet</th>
<th>Price Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boosted Barcelona Caps</td>
<td>10% - Approx. 9 caps per sq 940 - 950 lbs 20% - Approx. 18 caps per sq 980 - 1000 lbs 30% - Approx. 27 caps per sq 1020 - 1050 lbs</td>
<td>271</td>
<td>1437 lbs</td>
<td>$ /Piece</td>
</tr>
</tbody>
</table>

Boostered Barcelona Caps is an available application of Barcelona tile and should be installed with Barcelona field tile. Technical Specifications and Packaging are quoted for Boostered Barcelona Caps. Sold in full pallet quantities only. Wire Ties and Instructions are included with the tile pallet.
Technical Specifications and Packaging - Standard Weight Tile

Saxony 900 Hartford® Slate - F.O.B. Stockton, CA

<table>
<thead>
<tr>
<th>Hartford Slate</th>
<th>90° Rake</th>
<th>3-Sided Ridge</th>
<th>3-Sided Hip Starter</th>
<th>Apex 3-Way</th>
<th>Apex 4-Way</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coverage</td>
<td>Approx. Installed Weight</td>
<td>Pieces Per Pallet</td>
<td>Squares Per Pallet</td>
<td>Approx. Weight Per Pallet</td>
<td>Price</td>
</tr>
<tr>
<td>Hartford Slate</td>
<td>85</td>
<td>910 lbs</td>
<td>288</td>
<td>3.39</td>
<td>3405 lbs</td>
</tr>
<tr>
<td>90° Rake</td>
<td>-</td>
<td>-</td>
<td>210</td>
<td>-</td>
<td>1930 lbs</td>
</tr>
<tr>
<td>3-Sided Ridge</td>
<td>-</td>
<td>-</td>
<td>245</td>
<td>-</td>
<td>2235 lbs</td>
</tr>
<tr>
<td>3-Sided Hip Starter</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Apex 3-Way</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Apex 4-Way</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Saxony 900™ Split Old English Thatch - F.O.B. Stockton, CA

<table>
<thead>
<tr>
<th>Split Old English Thatch</th>
<th>90° Rake</th>
<th>3-Sided Ridge</th>
<th>3-Sided Hip Starter</th>
<th>Apex 3-Way</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coverage</td>
<td>Approx. Installed Weight</td>
<td>Pieces Per Pallet</td>
<td>Squares Per Pallet</td>
<td>Approx. Weight Per Pallet</td>
</tr>
<tr>
<td>Split Old English Thatch</td>
<td>90</td>
<td>980 lbs</td>
<td>288</td>
<td>3.2</td>
</tr>
<tr>
<td>90° Rake</td>
<td>-</td>
<td>-</td>
<td>210</td>
<td>-</td>
</tr>
<tr>
<td>3-Sided Hip Starter</td>
<td>-</td>
<td>-</td>
<td>245</td>
<td>-</td>
</tr>
<tr>
<td>Apex 3-Way</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Saxony Split Old English Thatch should be applied in a random, broken-bond with a minimum 3” offset between the sidelaps of adjacent courses. Sidelaps in alternate courses shall not be in direct alignment. Saxony Split Old English Thatch should be installed using a 4” headlap.

Saxony Slate - F.O.B. Rialto, CA

<table>
<thead>
<tr>
<th>Slate</th>
<th>90° Rake</th>
<th>3-Sided Ridge</th>
<th>3-Sided Hip Starter</th>
<th>Apex 3-Way</th>
<th>Apex 4-Way</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coverage</td>
<td>Approx. Installed Weight</td>
<td>Pieces Per Pallet</td>
<td>Squares Per Pallet</td>
<td>Approx. Weight Per Pallet</td>
<td>Price</td>
</tr>
<tr>
<td>Slate</td>
<td>94</td>
<td>1030 lbs</td>
<td>272</td>
<td>2.9</td>
<td>3165 lbs</td>
</tr>
<tr>
<td>90° Rake</td>
<td>-</td>
<td>-</td>
<td>215</td>
<td>-</td>
<td>1940 lbs</td>
</tr>
<tr>
<td>3-Sided Ridge</td>
<td>-</td>
<td>-</td>
<td>240</td>
<td>-</td>
<td>2300 lbs</td>
</tr>
<tr>
<td>3-Sided Hip Starter</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Apex 3-Way</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Apex 4-Way</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
### Saxony Shake - F.O.B. Rialto, CA

<table>
<thead>
<tr>
<th>Coverage</th>
<th>Approx. Installed Weight</th>
<th>Pieces Per Pallet</th>
<th>Squares Per Pallet</th>
<th>Approx. Weight Per Pallet</th>
<th>Price</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saxony Shake</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>94</td>
<td>1030 lbs</td>
<td>272</td>
<td>2.9</td>
<td>3165 lbs</td>
<td>$</td>
<td>/Square</td>
</tr>
<tr>
<td>90° Rake</td>
<td></td>
<td>215</td>
<td></td>
<td>1940 lbs</td>
<td>$</td>
<td>/Piece</td>
</tr>
<tr>
<td>3-Sided Ridge</td>
<td></td>
<td>240</td>
<td></td>
<td>2300 lbs</td>
<td>$</td>
<td>/Piece</td>
</tr>
<tr>
<td>3-Sided Hip Starter</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Apex 3-Way</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Apex 4-Way</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MonierLifetile® Madera - F.O.B. Rialto, CA

<table>
<thead>
<tr>
<th>Coverage</th>
<th>Approx. Installed Weight</th>
<th>Pieces Per Pallet</th>
<th>Squares Per Pallet</th>
<th>Approx. Weight Per Pallet</th>
<th>Price</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>MonierLifetile Madera</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>120</td>
<td>950 lbs</td>
<td>360</td>
<td>3</td>
<td>3010 lbs</td>
<td>$</td>
<td>/Square</td>
</tr>
<tr>
<td>90° Rake</td>
<td></td>
<td>200</td>
<td></td>
<td>1490 lbs</td>
<td>$</td>
<td>/Piece</td>
</tr>
<tr>
<td>V-Ridge</td>
<td></td>
<td>180</td>
<td></td>
<td>1695 lbs</td>
<td>$</td>
<td>/Piece</td>
</tr>
<tr>
<td>Tapered Eave Starter</td>
<td></td>
<td>184</td>
<td></td>
<td>686 lbs</td>
<td>$</td>
<td>/Piece</td>
</tr>
</tbody>
</table>

MonierLifetile Madera has four different shake detail patterns and it is suggested that they be applied in a random, broken-bond with a minimum 3” offset between the sidelaps of adjacent courses. Sidelaps in alternate courses shall not be in direct alignment.
## Technical Specifications and Packaging - Roof System Components

**F.O.B. Rialto, CA (R) - F.O.B. Stockton, CA (S) - F.O.B. Gilroy, CA (G)**

<table>
<thead>
<tr>
<th>Description</th>
<th>Profile</th>
<th>Packaging</th>
<th>F.O.B. Stocked (%)</th>
<th>Price</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Battens</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Batten Extenders 10”</td>
<td>All</td>
<td>50/Bag</td>
<td>R • S, G •</td>
<td></td>
<td>/Bag</td>
</tr>
<tr>
<td>Batten Extenders 18”</td>
<td>All</td>
<td>50/Bag</td>
<td>R • S, G •</td>
<td></td>
<td>/Bag</td>
</tr>
<tr>
<td>Volume Pricing</td>
<td></td>
<td>12 Bag Min.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EBS - Elevated Batten System 1” x 3” x 8”</td>
<td>All</td>
<td>12/Bundle</td>
<td>R • S</td>
<td></td>
<td>/Bundle</td>
</tr>
<tr>
<td>Volume Pricing</td>
<td></td>
<td>72 Bundles Min.</td>
<td></td>
<td></td>
<td>/Bundle</td>
</tr>
<tr>
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<td>12/Bundle</td>
<td>R • S</td>
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<td>/Piece</td>
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<tr>
<td>EBS - Vented Eave Riser - Metal - Terra Cotta</td>
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<td>R•</td>
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<td>Vented Eave Riser - Metal - Charcoal Grey</td>
<td>Barcelona</td>
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<tr>
<td>Vented Eave Riser - Metal - Terra Cotta</td>
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<td>EBS - Vented Eave Riser - Metal - Charcoal Grey</td>
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<td>/Piece</td>
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<td>Approx. 10’ Piece</td>
<td>R•</td>
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<td>Vented Eave Riser - Metal - Charcoal Grey</td>
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<td>Villa</td>
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<td>/Piece</td>
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<tr>
<td>Eave Closure - Metal - Charcoal Grey</td>
<td>Villa</td>
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<td>R•</td>
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<td>/Piece</td>
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<tr>
<td>Eave Closure - Metal - Terra Cotta</td>
<td>Villa</td>
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<td>R•</td>
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<tr>
<td>EBS - Vented Eave Riser - Metal - Charcoal Grey</td>
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<td>10’ Piece</td>
<td>R•</td>
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<td>EBS - Vented Eave Riser - Metal - Brown</td>
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<td>R•</td>
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<td>/Piece</td>
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<td>10’ Piece</td>
<td>R•</td>
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<td>Eave Closure “T” 1 1/2” - 60°/120° - Metal - Charcoal Grey</td>
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<td>R• S•</td>
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<td>10’ Piece</td>
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<td>Eave Closure “L” 1 1/2” - Metal - Charcoal Grey</td>
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<td>10’ Piece</td>
<td>R• S•</td>
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<td>/Piece</td>
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<tr>
<td>Eave Closure “L” 1 1/2” - Metal - Brown</td>
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<td>10’ Piece</td>
<td>R• S•</td>
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<td>/Piece</td>
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<td>Eave Closure “L” 7/8” - Metal - Brown</td>
<td>MLT Madera</td>
<td>10’ Piece</td>
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<td>/Piece</td>
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<tr>
<td>Eave Closure “T” 7/8” - Metal - Brown</td>
<td>MLT Madera</td>
<td>10’ Piece</td>
<td>R• G</td>
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Technical Specifications and Packaging - Roof System Components
F.O.B. Rialto, CA (R) - F.O.B. Gilroy, CA (G)

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<th>Profile</th>
<th>Packaging</th>
<th>F.O.B. Stocked (•)</th>
<th>Price</th>
<th>Unit</th>
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<td>$/Roll</td>
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<td>$/Roll</td>
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<td>$/Roll</td>
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<td>$/Roll</td>
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<td>MLT RidgeVent - 10 3/4” x 20’ - Black</td>
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<td>Roll</td>
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<tr>
<td>EBS - Rubber Wedges - Black</td>
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<td>100/Box</td>
<td>R• S</td>
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<td>$/Box</td>
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<td>Deck - Rubber Wedges - Black</td>
<td>Saxony</td>
<td>100/Box</td>
<td>R•</td>
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<td>$/Box</td>
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<td>R, S</td>
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<td>$/Box</td>
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<tr>
<td>EBS - Rubber Wedges - Black</td>
<td>MLT Madera</td>
<td>100/Box</td>
<td>R• G•</td>
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<td>$/Box</td>
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<td>Deck - Rubber Wedges - Black</td>
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<td>100/Box</td>
<td>R• G•</td>
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<td>$/Box</td>
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<td>Metal Rake Trim - Brown</td>
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<td>10’ Piece</td>
<td>R•</td>
<td></td>
<td>$/Piece</td>
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</tbody>
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*Wire Ties and Instructions are included with the tile pallet. Order additional through this part number.
## Technical Specifications and Packaging - Roof System Components

**F.O.B. Stockton, CA (S) - F.O.B. Rialto, CA (R) - F.O.B. Gilroy, CA (G)**

<table>
<thead>
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<th>Description</th>
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<th>Price</th>
<th>Unit</th>
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<td>All</td>
<td>Piece</td>
<td>R • S • G</td>
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<td>Piece</td>
<td>R • S • G</td>
<td>$</td>
<td>/Piece</td>
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<td>Brandguard Dormer Vent - Flat - 12”x 24”</td>
<td>All</td>
<td>Piece</td>
<td>R • S • G</td>
<td>$</td>
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<td>Brandguard Dormer Vent - Flat - 12”x 24” - Soft Alum.</td>
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<td>Piece</td>
<td>R • S • G</td>
<td>$</td>
<td>/Piece</td>
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<tr>
<td>Brandguard Dormer Vent - Flat - 9”x 18”</td>
<td>All</td>
<td>Piece</td>
<td>R • S • G</td>
<td>$</td>
<td>/Piece</td>
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<tr>
<td>Brandguard Dormer Vent - Flat - 9”x 18” - Soft Alum.</td>
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<td>Piece</td>
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<td>Brandguard Gable Vent - 12”x 12”</td>
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<td>R • S • G</td>
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<td>All</td>
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<td>2/Box</td>
<td>R • S • G</td>
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<tr>
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<td>R • S • G</td>
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<tr>
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<td>$</td>
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</tr>
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<tr>
<td>Brandguard Under Eave Fire Plug - 4”</td>
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<tr>
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<td>$</td>
<td>/Box</td>
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<td>Brandguard Under Eave/Soffit Vent - 14”x 5”</td>
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<td>10/Box</td>
<td>R • S • G</td>
<td>$</td>
<td>/Box</td>
</tr>
<tr>
<td>Brandguard Under Eave/Soffit Vent - 22”x 3”</td>
<td>All</td>
<td>10/Box</td>
<td>R • S • G</td>
<td>$</td>
<td>/Box</td>
</tr>
<tr>
<td>Brandguard Under Eave/Soffit Vent - 22”x 3.5”</td>
<td>All</td>
<td>10/Box</td>
<td>R • S • G</td>
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<td>/Box</td>
</tr>
</tbody>
</table>
SALES OFFICES NATIONWIDE:
Phoenix, ARIZONA
Gilroy, CALIFORNIA
Lathrop, CALIFORNIA
Stockton, CALIFORNIA
Rialto, CALIFORNIA
Denver, COLORADO
Pompano Beach, FLORIDA
Lake Wales, FLORIDA
Atlanta, GEORGIA
Kapolei, HAWAII
Kansas City, MISSOURI
Henderson, NEVADA
Katy, TEXAS
Tacoma, WASHINGTON

CORPORATE OFFICE:
MonierLifetile
P.O. Box 19792
Irvine, CA 92623-9792
(949) 756-1605

A NATIONAL PRESENCE
MonierLifetile LLC, with headquarters in Irvine, CA, is backed by the strength and financial resources of Monier, based in Europe, and Boral Ltd., based in Australia. MonierLifetile has 13 manufacturing plants and service offices throughout the United States and a plant in Guadalajara, Mexico.

For more information, please call or visit our website at:
1-800-571-TILE (8453) www.monierlifetile.com