

# Varitile<sup>®</sup>

weather [p]roof



innovative.  
sustainable.  
timeless.



# WORLDWIDE Quality Roofing Systems

**Varitile Inc. began with one goal:** to provide our business partners with the best metal roofing tiles, service and expertise available in the roofing industry. *Best* seems to be an overused tagline today, but since the founding of our company we have strategically partnered with those pursuing the same goal.

Our manufacturing base is the largest and most modern plant in the world. The materials sourced for our tiles are the finest available and our people have revolutionized the metal tile business as we know it in America.

Thank you for taking the time to learn about our company.  
We are confident you will enjoy the Varitile experience.



# TONGEREN, BELGIUM & Grand Prairie, Texas



We have focused on building lasting relationships with employees and business partners through mutual respect and exceptional service. The environment created by these two ideals are a key to our competitive advantage.

With more than 280,000 square feet of production and warehousing facilities, we are one of the world's leading suppliers of metal roofing materials for residential housing.

Our factory, one of the most sophisticated in the world, features many automated systems ensuring production speed and consistent quality of our finished goods.

Our manufacturing processes are under constant scrutiny and improvement. We employ fulltime professionals dedicated solely to testing and auditing manufacturing processes and finished goods. Adherence to strict guidelines maintains our foremost level of quality.



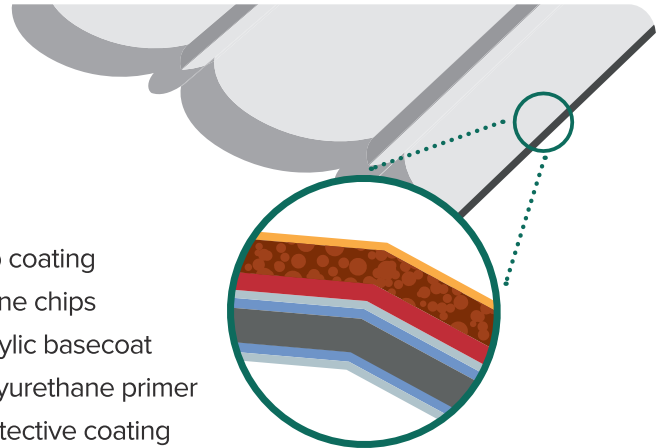
# HIGH PERFORMANCE

## Stone Coated Steel

Varitile uses a zinc-aluminum-magnesium steel substrate. This is achieved by hot dip galvanizing of steel strip in a bath of zinc, aluminum and magnesium alloy.

It provides the ideal combination between metallic & organic coating layers to ensure both good formability and high durability for construction products.

- Top coating
- Stone chips
- Acrylic basecoat
- Polyurethane primer
- Protective coating
- Steel
- Protective coating
- Polyester primer



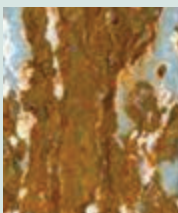
## COMPARISON

### Alloys

The pictures below show various alloys after accelerated weather testing. After 34 weeks, the Varitile zinc-aluminum-magnesium alloy was the only alloy to show no signs of rust or weather damage.

#### Galvanized Steel

After 6 weeks



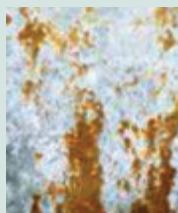
#### Zinc Aluminum

After 35 weeks



#### Aluminum Zinc

After 34 weeks



#### Zinc-Aluminum-Magnesium

After 34 weeks





## BENEFITS &

## Features



### ENERGY EFFICIENCY

The design and assembly of our tiles allows airflow between the underside of the tiles and the roof deck. This is known as “above sheathing ventilation.” Why is it important? Because it reduces transfer of exterior temperatures into and out of your attic structure. This leads to a cooler interior in hot summers and reduces destructive ice damming during cold, snowy winters.

### INTERLOCKING STRENGTH

Varitile interlocking tiles provide about the same shear strength as 1/2” plywood. This reduces shifting and stress of the roof structure.

### AESTHETICS

The beauty and longevity of Varitile enhances both curb appeal and resale value. Our transferable warranty provides peace of mind.

### LIGHTWEIGHT

Varitile metal panels weigh about half that of mid-grade asphalt shingles and 10-35% of concrete, clay or composition tiles. This reduces the chance of roof collapse and damage to the frame of the structure.

### FIRE

Because it is made of steel, Varitile panels are incombustible and safe from exposure to airborne burning cinders.

### HAIL

Independent testing by Underwriters Laboratories rated Varitile an industry best, U.L. 2218 Class 4 hail resistant product, which may qualify for a reduction of your insurance premiums.

### RECYCLABLE

Varitile steel panels are fully recyclable.

### LIMITED LIFETIME WARRANTY

We stand behind our products. With a Varitile roof and fully transferable warranty you never have to worry.



# SHAKE



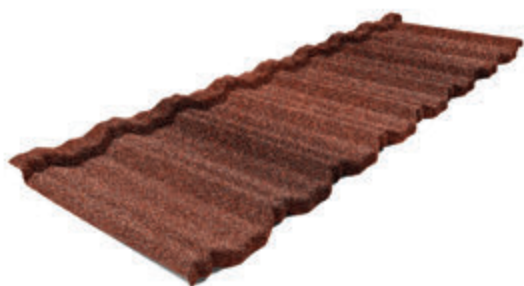


# RIVIERA





# CLASSIC



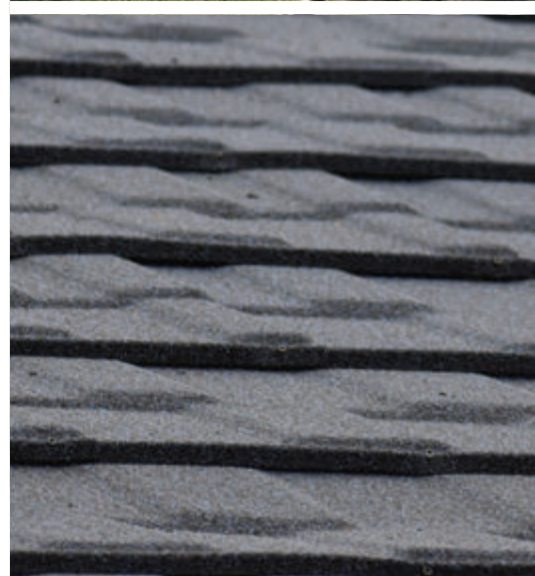
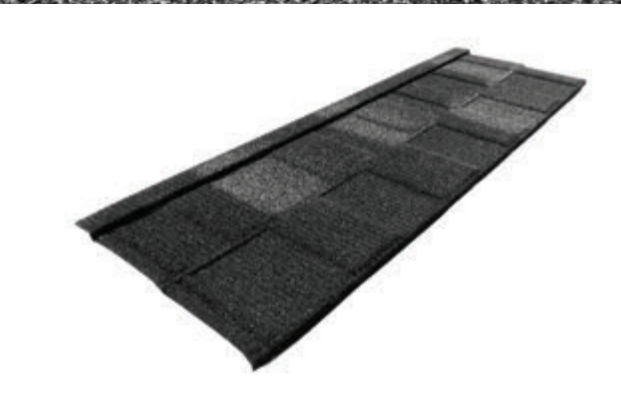


# MISTRAL





# V I K S E N





# BOND 7



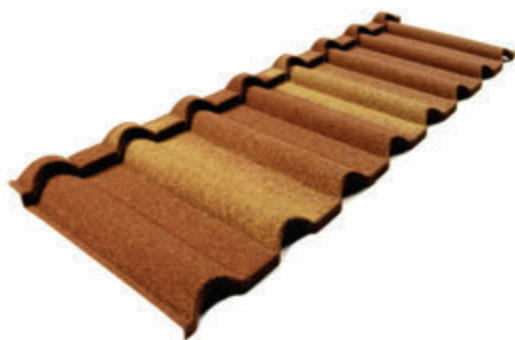
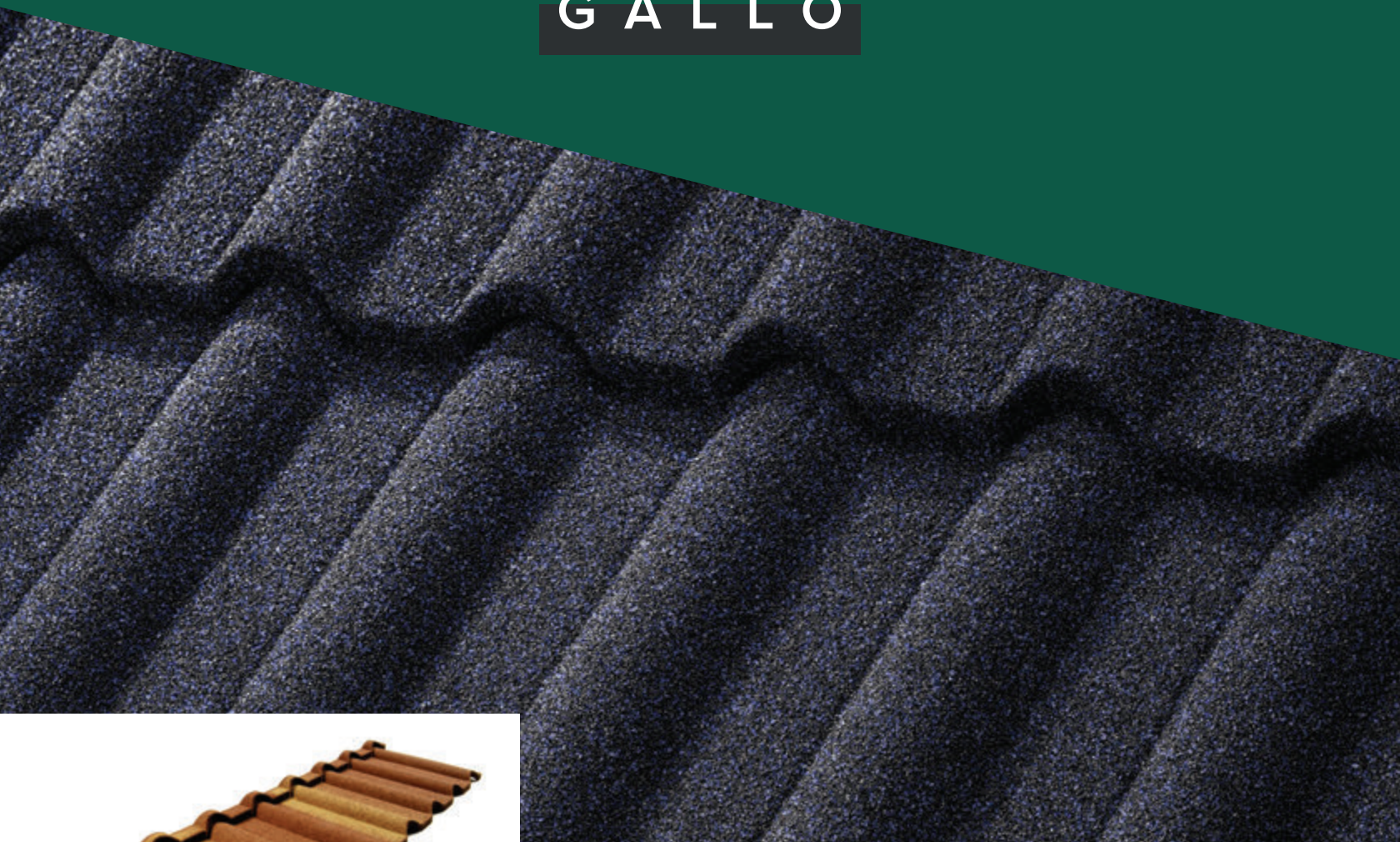


# ROMANA





# GALLO





INNOVATIVE.

Sustainable.

Timeless.

By developing high-quality products for our business partners and their customers, we make a valuable contribution to housing and building projects worldwide, and indirectly to the well-being of people in general. Our vision is to be the leading manufacturer and supplier of metal roofing products and services in the world.







## CERTIFICATIONS

Varitile recognizes that its commitment to success must also take into account the broader economic, environmental and social impact of its operations.



### UL CERTIFICATIONS

“Degree of Resistance to External Fire-Class A”

“Impact Resistance Class 4”



### TEXAS DEPARTMENT OF INSURANCE

### ACCEPTANCES

Florida NOA

Miami Dade





WWW.VARITILE.COM

## MATERIAL COMPARISONS

PROTECTION & BENEFITS	VARITILE	CONCRETE	RESIN COMPOSITES (plastic/rubber)	ASPHALT	WOOD SHAKE
Weight	<b>Excellent</b> 1.4 lbs/sq ft	<b>Poor</b> 9-15 lbs/sq ft	<b>Fair</b> 6 lbs/sq ft	<b>Fair</b> 3-4 lbs/sq ft	<b>Fair</b> 3-5 lbs/sq ft
Fire	<b>Excellent</b> Class "A" Fire Rating	<b>Poor</b> Roofs Collapse from Weight	<b>Poor</b> Majority are Class "C" Rated	<b>Fair</b>	<b>Poor</b> Wood Burns
Wind	<b>Excellent</b> High Test Rating, Over 200 mph Winds	<b>Poor</b> Requires Special Installation to Meet High Wind Requirements**	<b>Poor</b> Most Manufacturers Don't Offer Wind Warranties	<b>Poor</b> Most Wind Warranties Are Valid for 5 Years	<b>Poor</b> No Wind Warranty
Hail	<b>Excellent</b> 2.5" Hail Warranty	<b>Fair</b> Crack & Break	<b>Good</b>	<b>Poor</b>	<b>Poor</b>
Snow & Ice	<b>Excellent</b> Reduces & Resists Ice Damming	<b>Poor</b> Breaks from Freeze/Thaw and Weight of Ice/Snow	<b>Fair</b> Breaks from Freeze/Thaw and Weight of Ice/Snow	<b>Poor</b> Ice Removes the Protective Granules	<b>Good</b>
Earthquakes	<b>Excellent</b> Lightweight & Added Shear Strength	<b>Poor</b>	<b>Good</b>	<b>Good</b>	<b>Good</b>
Weather Warranty	<b>Excellent</b> Limited Lifetime Warranty	<b>Fair</b> No Appearance Warranty	<b>Fair</b> No Warranty for Color Fade	<b>Fair</b> Pro-Rated Warranty	<b>Poor</b> No Warranty
Environment	<b>Excellent</b> Recyclable & Long Lasting	<b>Fair</b>	<b>Fair</b>	<b>Poor</b>	<b>Fair</b>
Re-Sale	<b>Excellent</b> Increases Curb Appeal & Looks Great	<b>Good</b>	<b>Fair</b>	<b>Fair</b>	<b>Fair</b>

Ratings based on comparison with Varitile as determined from manufacturer's specification, independent testing laboratories and published industry studies and statistics.

\*\*Requires additional nails, clips, and/or details in high wind areas.

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## LET'S GET STARTED.