



--Stone Coated Roofing Tile

-Since 2006



San-gobuild Stone Coated Metal Roof Products

What is the stone coated roofing tile?

Stone coated steel roof tile is made from galvalume steel and then coated with stone chips and attached to the steel with an acrylic film. The result is a more durable roof that still retains the aesthetic advantages of high end roofing such as classical or shingle tile. Stone coated steel roof is considered by many to be the most durable and long lasting of all metal roofs, which are also energy efficient and extremely environmentally friendly.



SGB-001 Classicle Tile 7 Waves

As 0.40mm thickness basic steel sheet. (0.40-0.50mm)

Model Number	SGB001
Item Name	Classicle Tile 7 Waves
Product Size	1340*420mm
Installed Exposure	1290*370mm
Coverage Area/Tile	0.48 sq.meters
Sheet/SQ.M	2.08
Weight / Tile	2.7-3.2 kgs



SGB-002 Shingle Tile

Model Number	SGB002
Item Name	Shingle Tile
Product Size	1340*420mm
Installed Exposure	1290*370mm
Coverage Area/Tile	0.48 sq.meters
Sheet/SQ.M	2.08
Weight / Tile	2.7-3.2 kgs



SGB-003 Modern Classicle Tile

Model Number	SGB003
Item Name	Modern Classicle Tile
Product Size	1340*420mm
Installed Exposure	1290*370mm
Coverage Area/Tile	0.48 sq.meters
Sheet/SQ.M	2.08
Weight / Tile	2.7-3.2 kgs



SGB-004 Rainbow(Roman) Tile

Model Number	SGB005
Item Name	RainBow Tile
Product Size	1300*420mm
Installed Exposure	1250*370mm
Coverage Area/Tile	0.46 sq.meters
Sheet/SQ.M	2.18
Weight / Tile	2.7-3.2 kgs



SGB-005 Makuti Grained Tile

Model Number	SGB005
Item Name	Makuti Grained Tile
Product Size	1340*420mm
Installed Exposure	1290*370mm
Coverage Area/Tile	0.48 sq.meters
Sheet/SQ.M	2.08
Weight / Tile	2.6±0.1 kgs



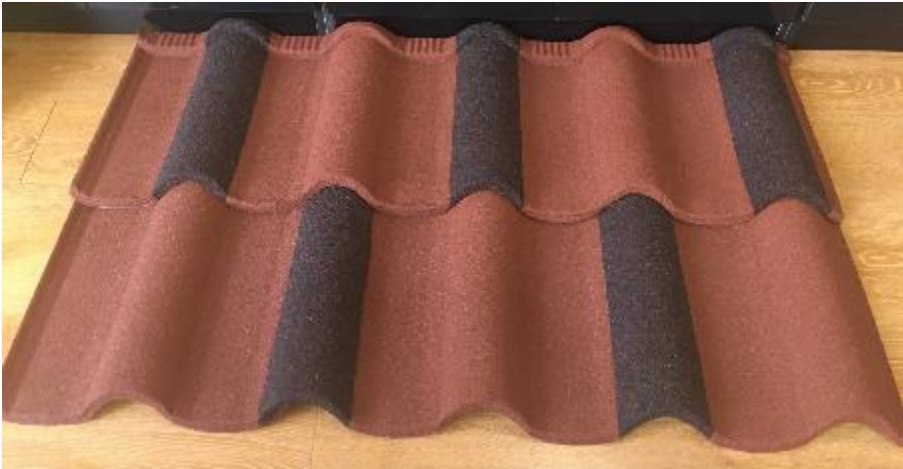
SGB-006 Milano Tile

Model Number	SGB006
Item Name	Milano Tile
Product Size	1340*420mm
Installed Exposure	1290*370mm
Coverage Area/Tile	0.48 sq.meters
Sheet/SQ.M	2.08
Weight / Tile	2.7-3.2 kgs



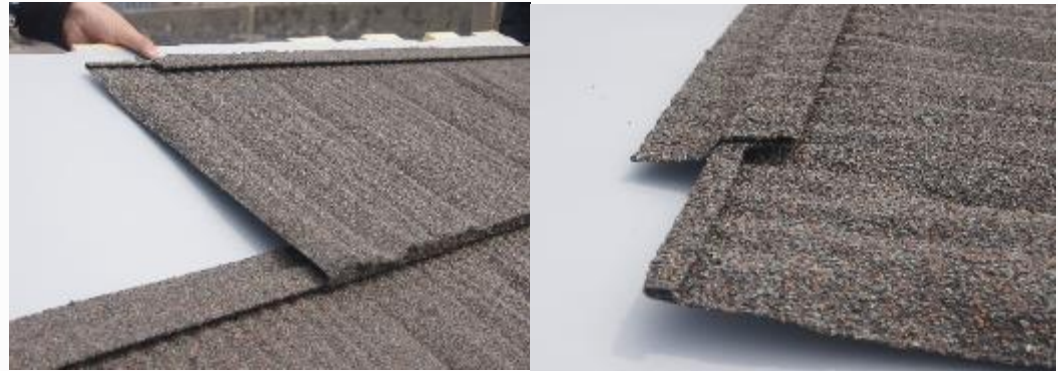
SGB-007 BIG Milano Tile (Golan Tile)

Model Number	SGB007
Item Name	Golan Tile
Product Size	1340*420mm
Installed Exposure	1250*370mm
Coverage Area/Tile	0.46 sq.meters
Sheet/SQ.M	2.16
Weight / Tile	2.7-3.2 kgs



SGB-008 Seattle Tile (INTERLOCKING With Patents)

Model Number	SGB008
Item Name	Seattle Tiles
Product Size	1340*420mm
Installed Exposure	1290*370mm
Coverage Area/Tile	0.48 sq.meters
Sheet/SQ.M	2.08
Weight / Tile	3.5 kgs



色卡 COLOR CHART



SGB1003 晚霞红
Red



SGB1005 枣褐红
Black Red



SGB1011 杜鹃红
Terracotta



SGB1012 梦幻红
Burgandy



SGB1007 中国红
Brick



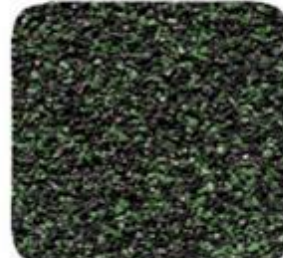
SGB2013 咖啡棕
Coffee Brown



SGB2017 浅茶褐
Thatch



SGB3003 乌炭黑
Black



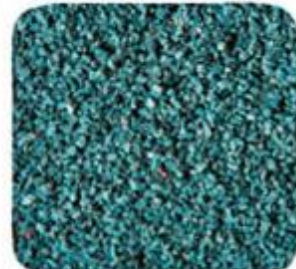
SGB3008 青黛绿
Dark Green



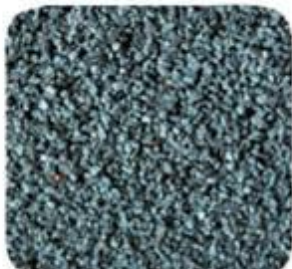
SGB3002 天空蓝
Sky Blue



SGB3011 森林绿
Forest Green



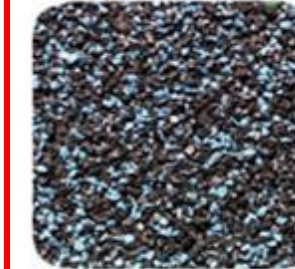
SGB3012 孔雀蓝
Navy Blue



SGB4002 水墨灰
Charcoal



SGB4007 芝麻黑
Black&White



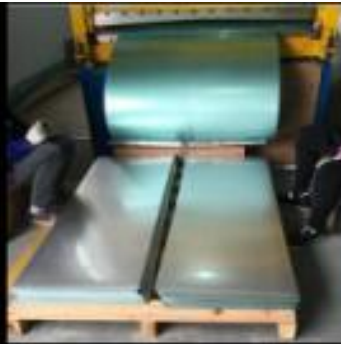
SGB3006 海洋蓝
Arctic Blue



How it be produced?



1. Colled Alu-Zinc Sheet



2. Panel Cutting



3. Edge Cutting



4. Profile Pressing



5. 1st Gluing



6. Sanding



7. 2nd Gluing



8. Baking



9. Natural Cooling



10. Packing



11. Protective Packing



12. Loading

Roofing Diagram



List Of Roofing Accessories



Why Choose Sangobuild?

GALVALUME STEEL

Coating composition is 55% aluminum in weight ratio (80% surface volume ratio), 43.4% zinc, and 1.6% silicon.

All San-gobuild® roof products are manufactured from alu-zinc steel which have shown in tests to last 6-9 times longer than ordinary galvanised steel roofing products. This is achieved by protecting the steel core with zinc, which is itself protected by an aluminium barrier. As a pioneer of using alu-zinc steel, San-gobuild® has unrivalled experience in long lasting steel roof tile manufacture.



STONE CHIPS

All San-gobuild® roof tiles are coated with natural stone chips, volcanically formed and taken from quarries in French. These coatings add natural beauty to the roof and a hard layer of protection from the weather. Being of natural stone, the vibrant colour is protected against the extreme UV of the African sun and will never change.



Stone Granuel --- Sintering VS Dyeing

Sand production of sintering process is complex, through chemical bond sintered on the quartz sand, **solid color forever, with the performance of resistance to acid and alkali**, greatly improving the lifetime. which is very important in coastal countries, The brand of San-gobuild granuel is CL, all the sand stone granule coming out from sintering.

Sand dyeing process is simple, but the color saturation is not strong. It is **easy appear fade phenomenon after acid and bad environment**, shorten the lifetime.

Excellent Roof Should Be Looked Like This

See the fade color roof, not good look actually

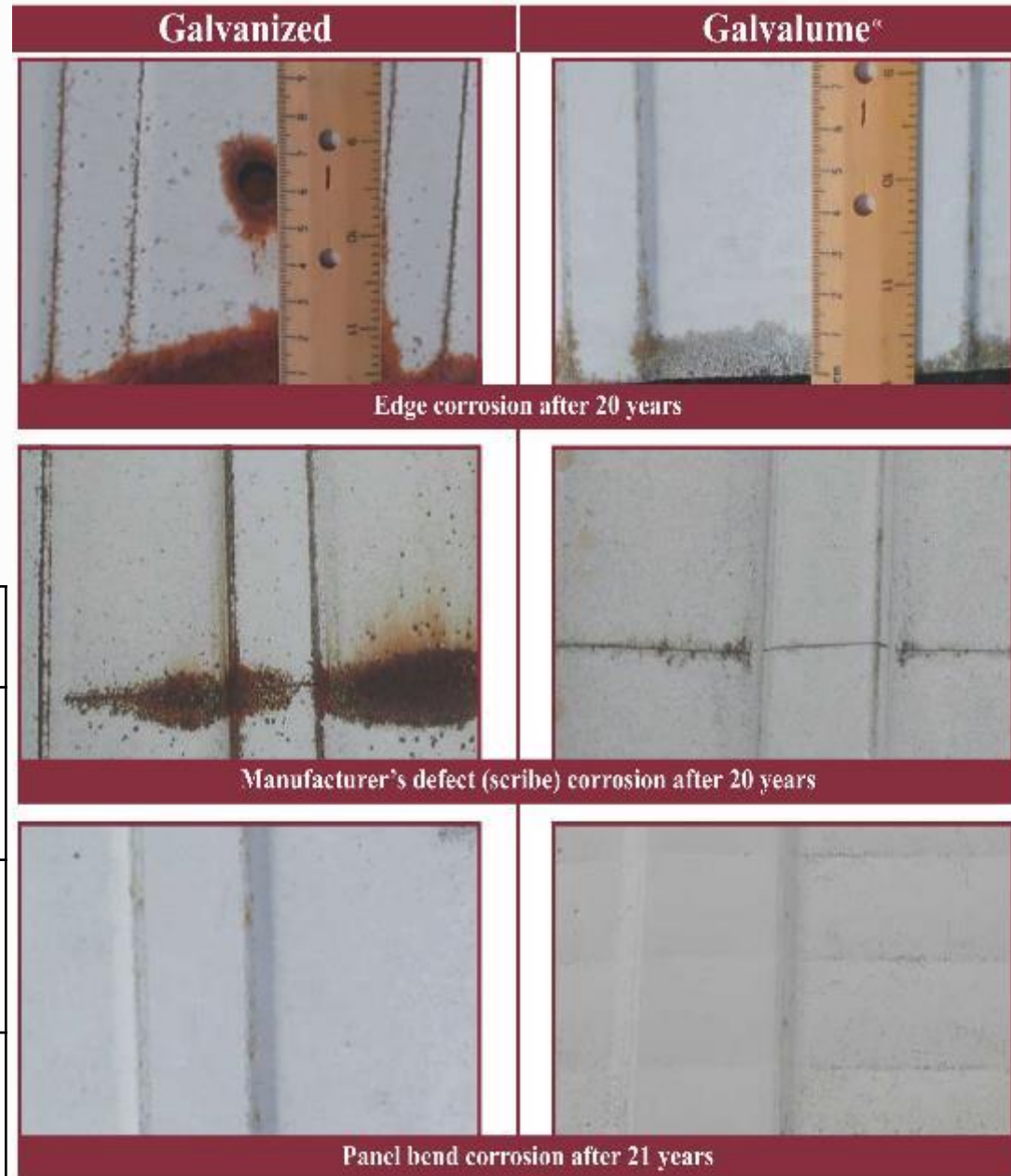
San-gobuild®



Why Choose Sangobuild?

Steel Materials

Galvalume may begin to show rust around the edges of the panel before galvanized, but the rust should stop when it comes in contact with the aluminum in the substrate. Galvanized may take a few years longer to show edge rust, however, once the rust begins, it could continue to corrode the entire panel.



To resist corrosion initiated at panel bends and damage sites, Galvalume coated steel is a better choice of substrate

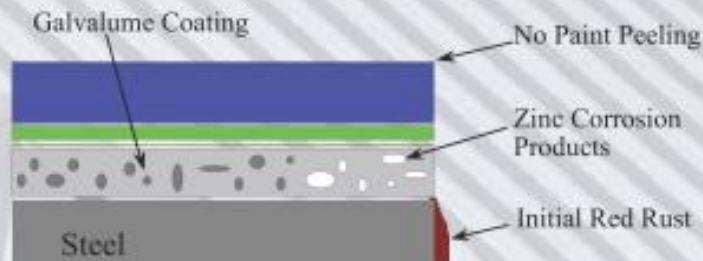
# of Years	Performance Comparison
Up TO 10	Galvanized Initially May Be More Effective, But Does Not Sustain
10 TO 15	Galvalume Begins To Out Perform Galvanized
Over 15	Superior Performance of Galvalume is Increasingly Evident

Galvalume VS Galvanized Steel Materials

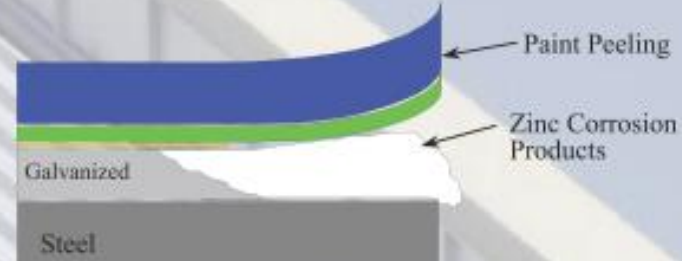
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Corrosion at Cut Edge on Painted Galvalume



Corrosion at Cut Edge on Painted Galvanized



Why Choose Sangobuild?

San-gobuld® Acrylic Resin VS Ordinary Glue

San-gobuild® Acrylic resin glue has **strong sticky strength** and **good weather-resistance** after cohere.

Use the acrylic resin super glue will make the stone granule stick firmly on the aluminum zinc steel plate.

Ordinary glue with bad adhesive but lower cost, easy make granule leak in short time and different temperture. And the surface will change under certain weather condition.

San-gobuild: Very Natural Color And
Good Looking



Fake Glue Make Tile Bad Looking



Accessories

We can do more basis on your customized.

Circular Ridge



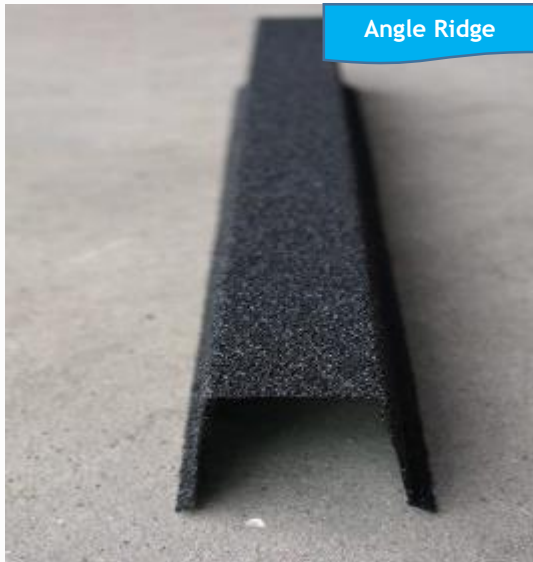
Flat Sheet For
Accessories



Barge Board Cover



Angle Ridge



Touch Up Kit



Nail



Projects Show



Projects Show – Base on Wooden/Aluminum Structure



5: Does the color fade?

Sangobuild use the same granules as many South Korea barnd by famouse brand- CARLAC GROUPE from France, we offer you color warranty 20years no fading. Over time, a slight change in color might occur due to sitting of airborne contaminants. However periodic rain or washing the roof with a garden hose will keep the roof looking new.

6: How do the granules stay bonded to the steel?

Specially graded 'non-oiled' natural granite stone chips, produced by CL Rock company are used for all Sangobuild stone coated roof tile. The granules are embedded in a UV resistant acrylic polymer for a lasting bond to the steel substrate.

7: Does stone chips off from sheet easily?

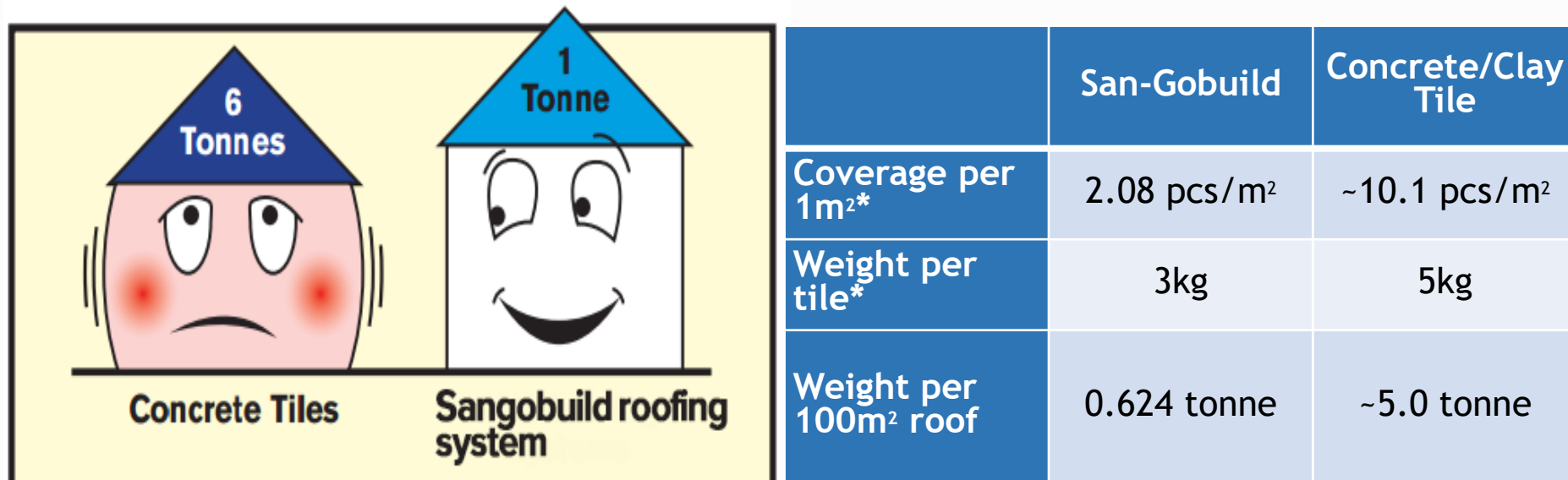
No, the surface of Acrylic top coat is made of thermoplastic acrylic resin, pigments, additives, solvents and other components of the one-component quick-drying paint, it worldwide using in outdoor, with the acrylic resin is outside of the light main absorption peak of the solar spectrum, so the acrylic resin paint has excellent light resistance and anti-outdoor aging performance.

8.How long does it take to install a steel roof?

Usually only a few days. The complexity of the building's roof is the primary factor in determining the time required.



Does it lightweight? See this.



The Related Products—PVC Rain Gutters

