

***THE BEST DEVELOPED  
ROOFING SYSTEM  
QUALITY PROVEN IN THE WORLD***



# CEO's Greetings

JASCO STEEL ROOFING TILE covers the world's roof

Since its foundation, Jung Ang Steel Co., Inc has aimed to be a domestic and global leader in the production and technology of roofing materials. We have a variety of products including Stone Chip Coated Steel ROOFING TILE and roll forming panels in various corrugated patterns.

These products are the fruit of our efforts to identify market demands and develop advanced products. We understand that the refinement of the product's appearance is not enough for us to survive in the fierce competition of the global market. The favorable evaluation on our products is the results of our research and development efforts that pays close attention to every process from production to construction.

To meet the request of the times that 'Companies can survive only by living up to the demands of consumers', we are going to make constant efforts to complete comprehensive construction material manufacturing technologies through technical development and research.

We are going to do our best to produce high quality products out of our gratefulness for all customers who have frequently used our products and our resolution to repay their support.

## Stone Chip Coated Roofing Tile

JASCO STEEL ROOFING TILE is pressure formed Galvalume® steel to have the appearance of roofing tiles. There are several/one tile impressions formed horizontally into one panel. Each panel is profiled to form an extremely strong overlapping and interlocking structure. It is coated with an acrylic resin, an acrylic base adhesive, a natural stone chip, as well as, a clear acrylic overglaze in order upon the top side of the Galvalume® steel. So, it provides a long life span, besides strength, durability and beauty.

# Company History

A company that thinks of the path ahead than the path behind.

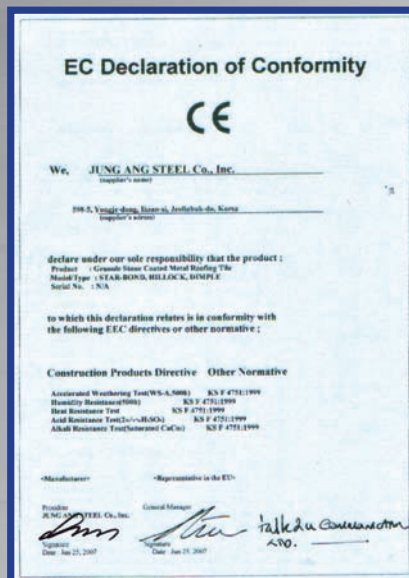
2013	11. 01	Won the export award from PRESIDENT of KOREA
	07. 01	Extension of No.3 Factory building and No.2 Stone chip Coating Line
	05. 29	Certificate of heat resistance test from Japan Government
2012	04. 01	Launched the metal roof tile S-shingle
2011	02. 01	Launched the metal roof tile Crown
2009	11. 30	Won the export award from PRESIDENT of KOREA
2007	07. 02	Obtained a certificate of the Environment Management System ISO 14001:2004 for mineral-coated metal roof tiles
	06. 05	Selected as a Promising Small and Medium Export Business (Small & Medium Business Administration)
2004	08. 01	Launched the metal roof tile (Hillock, Dimple)
	02. 11	Obtained a certificate of the Quality Management System ISO 9001:2000 for mineral-coated metal roof tiles
	02. 05	Obtained a certificate of the Korean Standards (KS) mark for mineral-coated metal roof tiles
1998	09. 10	Start to operate Stone Chip Coated Steel roof tile named Star-bond
	08. 10	Established Jung Ang Steel Co., Inc (Address: 598-5 Yongje-dong, Iksan-si, Jeollabuk-do, Republic of Korea)

# Status of Certification

Jung Ang Steel has the following certificates.



KS Certificate  
(First in KOREA)



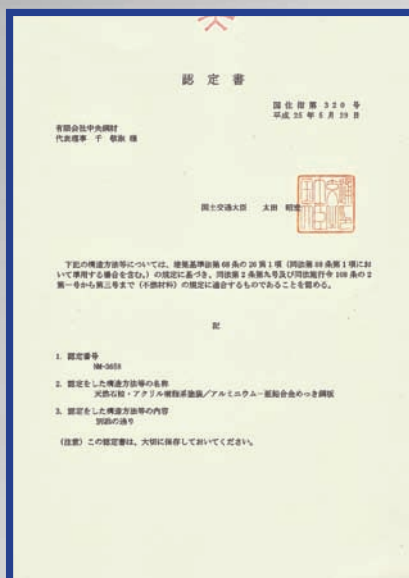
CE MARK



ISO 9001:2000



ISO 14001:2004



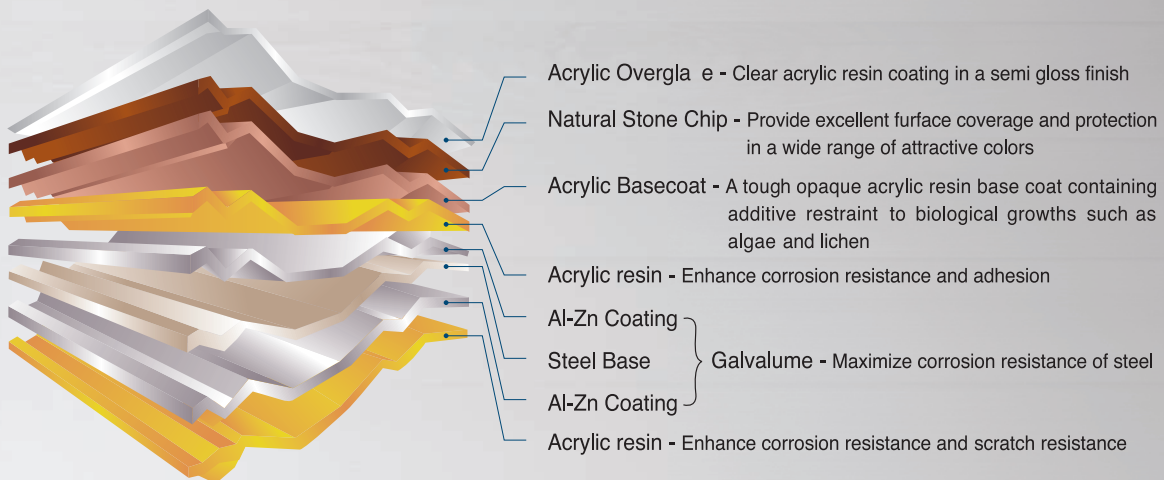
Certificate of Heat Resistance Test  
by Japanes Government



Certificate of Promising  
Export Firm

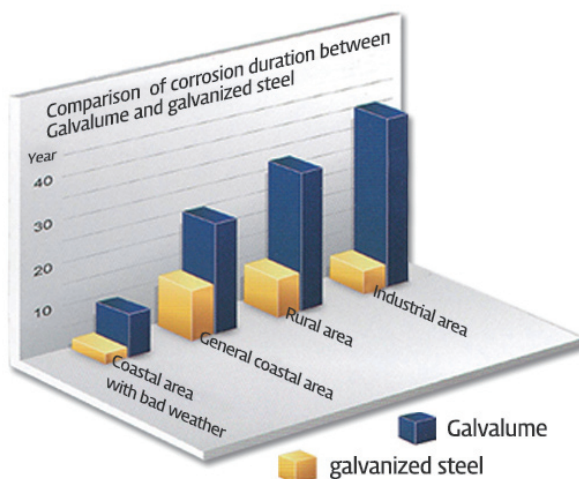
# Product Composition of JASCO ROOFING TILE

## \* Close Section of Stone Chip Coated Steel Roofing Tile



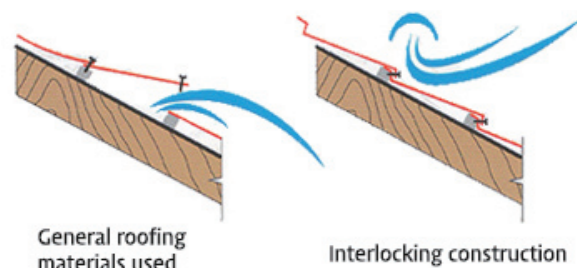
On request, Base metal & coating layer may vary from photo

## \* Estimated Life of Galvanized and Galvalume® Steel



## \* Interlocking System

### Interlocking Constructional Advantage



Quoted by BHP in BIEC Clips issue 48, 8/97 for uncoted Galvalume

# Product Characteristics and Advantages

## Advanced Roofing System



### **Advanced Roofing System**

JASCO STEEL ROOFING TILE is pressure formed from Galvalume® steel. There are several/one tile impressions formed horizontally into one panel. Each panel is profiled to form an extremely strong overlapping and interlocking structure.

### **Light, strong and durable**

It's Inter locking structure and unique horizontal fastening method has enabled this particular item to survive some of the world's worst weather conditions and to perform excellently well against fires, hurricanes and even earthquakes. Yet, at only 6.2 kilograms per square metre, JASCO Steel Roofing Systems are the lightest roofs available, not to mention. the corrosion resistance action that Galvalume® has makes It maintenance-free for its entire lifespan.



### **Right color, Right design**

This product is available in twelve natural colors to help it blend harmoniously with the tones of nature and to complement both traditional and modern designs. JASCO Roofing System provides today's modern architects, specifiers and engineers precisely what they want... distinction, versatility and quality.



### **Versatility and quality**

It can be cut, bent and shaped into any style of roof design including angles as low as 12° to a vertical aspect. Its light weight saves on having any need for costly structural reinforcements, transports, workmanship and installation cost.

**FREE FROM BEING EFFECTED BY CLIMATIC DISASTERS**

**FIRE RESISTANCE**

**EARTHQUAKE RESISTANCE**

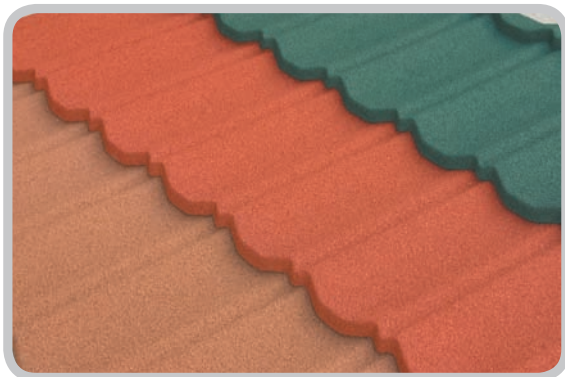
**RAIN AND HAIL RESISTANCE**

**TYPHOON RESISTANCE**

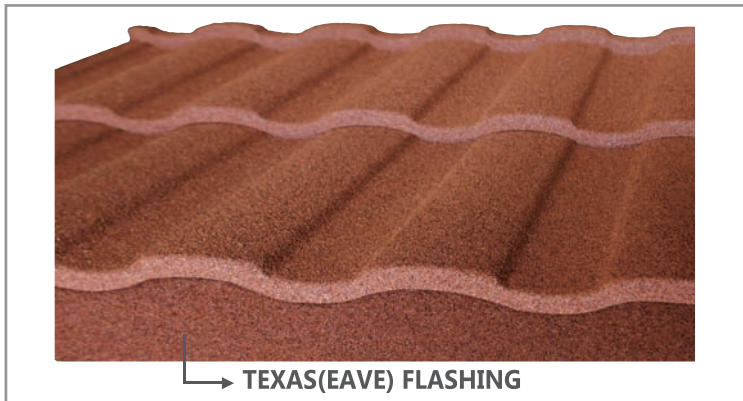
**HEAVY SNOW RESISTANCE**

**NO MOSS AND FUNGUS**



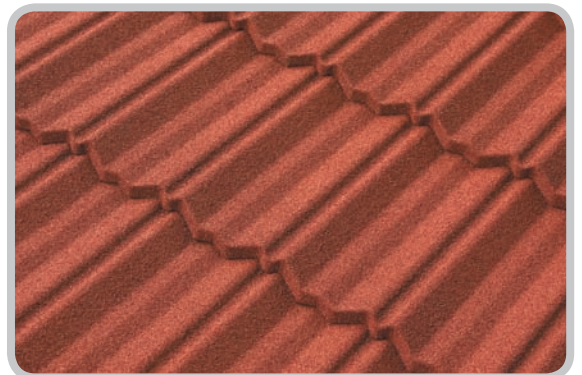


Overall Length	1,335mm(4' 4 <sup>4</sup> / <sub>7</sub> " )
Length of Cover	1,260mm(4' 1 <sup>3</sup> / <sub>5</sub> " )
Width of Cover	370mm(1' 2 <sup>4</sup> / <sub>7</sub> " )
Up Stand	25.4mm(1"
Roof Cover / Tile	0.466m <sup>2</sup> (5.0ft <sup>2</sup> )
Tiles / m <sup>2</sup>	2.146(20tiles/100ft <sup>2</sup> )
Weight / Tile	2.8kg(6.17lbs)



Overall Length	1,280mm(4' 2 <sup>2</sup> / <sub>5</sub> ' )
Length of Cover	1,220mm(4' )
Width of Cover	380mm(1' 3"
Up Stand	25.4mm(1"
Roof Cover / Tile	0.464 m <sup>2</sup> (5.0ft <sup>2</sup> )
Tiles / m <sup>2</sup>	2.155(20tiles/100ft <sup>2</sup> )
Weight / Tile	2.8kg(6.17lbs)

Does not need any other special accessories like bird stop.



Overall Length	1,335mm(4' 4 <sup>4</sup> / <sub>7</sub> " )
Length of Cover	1,260mm(4' 1 <sup>3</sup> / <sub>5</sub> " )
Width of Cover	370mm(1' 2 <sup>4</sup> / <sub>7</sub> " )
Up Stand	25.4mm(1")
Roof Cover / Tile	0.466m <sup>2</sup> (5.0ft <sup>2</sup> )
Tiles / m <sup>2</sup>	2.146(20tiles/100ft <sup>2</sup> )
Weight / Tile	2.8kg(6.17lbs)



# Dimple

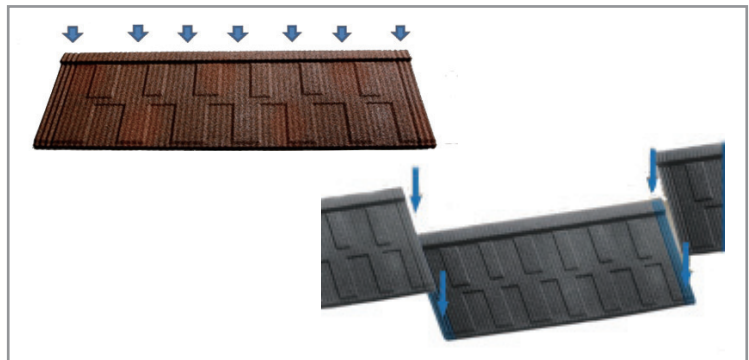


Dimple is easy to install because the up stand part is 35mm wide

Overall Length	1,325mm(4' 4 <sup>1</sup> / <sub>6</sub> " )
Length of Cover	1,255mm(4' 1 <sup>3</sup> / <sub>7</sub> " )
Width of Cover	370mm(1' 2 <sup>4</sup> / <sub>7</sub> " )
Up Stand	35mm(1' <sup>1</sup> / <sub>6</sub> " )
Roof Cover / Tile	0.464m <sup>2</sup> (5.0ft <sup>2</sup> )
Tiles / m <sup>2</sup>	2.155(20tiles/100ft <sup>2</sup> )
Weight / Tile	2.9kg(6.39lbs)

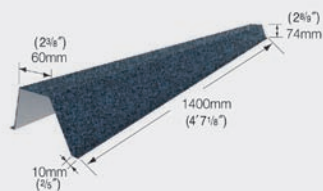


# S-Shingle



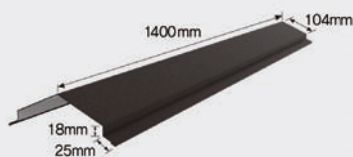
Can be installed without batten  
 Can be overlap to adhere tightly at the middle of the tile

Overall Length	1,315mm(4' 3 <sup>3</sup> / <sub>4</sub> " )
Length of Cover	1,260mm(4' 1 <sup>3</sup> / <sub>5</sub> " )
Width of Cover	370mm(1' 2 <sup>4</sup> / <sub>7</sub> " )
Roof Cover / Tile	0.466m² (5.0ft²)
Tiles / m²	2.146(20tiles/100ft²)
Weight / Tile	2.7kg(5.95lbs)



## RIDGE/HIP CAP

Overall Length 1400mm (4'7 1/8")  
Length of Cover 1300mm (4'3 1/5")  
Weight / Unit 1.5kg (3.31lbs)



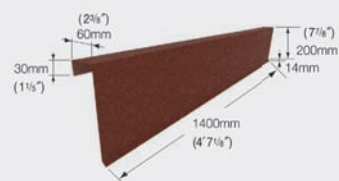
## A-type RIDGE CAP

Overall Length 1400mm (4'7 1/8")  
Length of Cover 1300mm (4'3 1/5")  
Weight / Unit 2kg (4.4lbs)



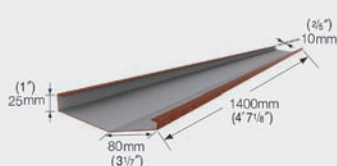
## TEXAS FLASHING

Overall Length 1400mm (4'7 1/8")  
Length of Cover 1300mm (4'3 1/5")  
Into Wall 20mm (7/8")  
Downturn 148mm (5 5/8")  
Weight / Unit 1.2kg (2.65lbs)



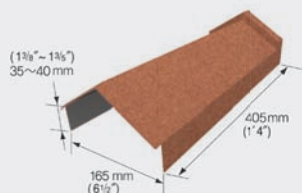
## BOX BARGE COVER

Overall Length 1400mm (4'7 1/8")  
Length of Cover 1300mm (4'3 1/5")  
Downturn 214mm (8 2/5")  
Width 60mm (2 3/8")  
Weight / Unit 2.1kg (4.63lbs)



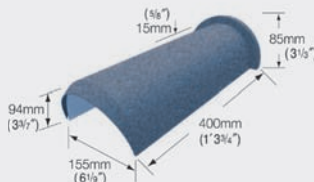
## VALLY GUTTER

Overall Length 1400mm (4'7 1/8")  
Overall Width 1300mm (4'3 1/5")  
Weight / Unit 1.5kg (3.31lbs)



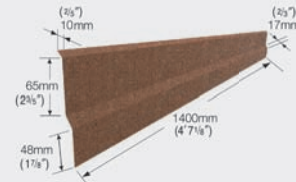
## ANGLE TRIM

Overall Length 405mm (1'4")  
Length of Cover 370mm (1'2 4/7")  
Weight / Unit 0.5kg (1.10lbs)



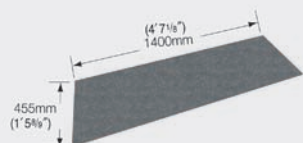
## BARREL CAP

Overall Length 400mm (1'3 3/4")  
Length of Cover 370mm (1'2 4/7")  
Weight / Unit 0.5kg (1.1lbs)



## SIDE FLASHING

Overall Length 1400mm (4'7 1/8")  
Length of Cover 1300mm (4'3 1/5")  
Weight / Unit 0.9kg (1.98lbs)



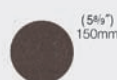
## FLAT SHEET

Overall Length 1400mm (4'7 1/8")  
Overall Width 455mm (1'5 8/9")  
Weight / Unit 3.0kg (6.61lbs)



## ANGLE TRIM END

Diameter 157mm (6 1/4")  
Weight / Unit 0.1kg (0.22lbs)



## BARREL END CAP DISC

Diameter 150mm (5 7/8")  
Weight / Unit 0.1kg (0.22lbs)

## Finishing kit



**Adhesive**  
(Freezing below 0°C)



**Stone chip**  
(Natural Stone)

## INSTRUCTION

- 1) Examine the tiles after installation for touch up
- 2) Apply the base coat to damaged area and immediately cover with stone chip
- 3) If damage is excessive, Consult JASCO Roofing for recommended action

# Application of Accessories



# Producing Facility





\* Other Stone Chip Colors are available upon request

## Color Guide



## Standard Packing

# **JASCO STEEL ROOFING SYSTEM**



**STAR-BOND**



**CROWN**



**HILLOCK**



**DIMPLE**



**S-SHINGLE**



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