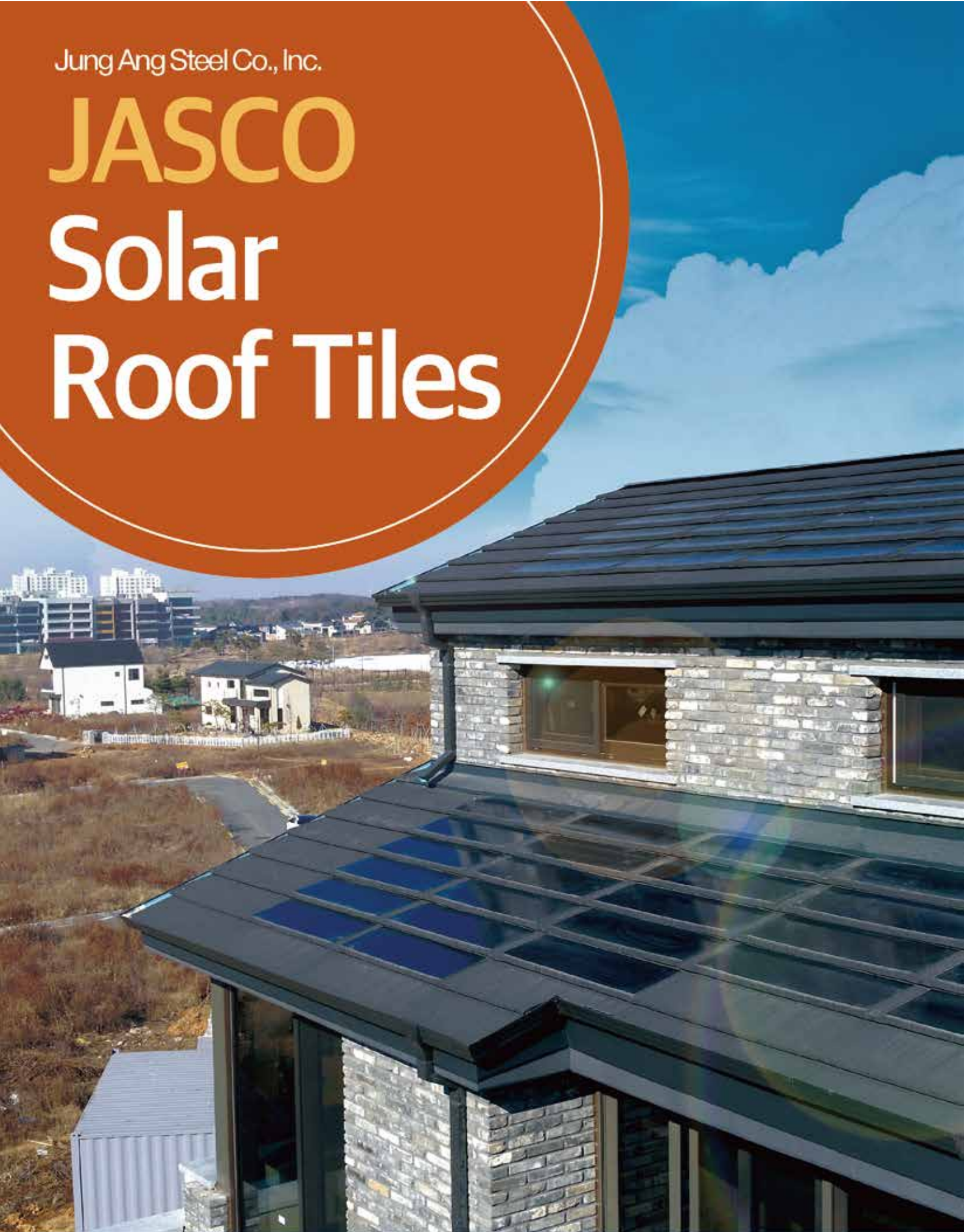


Jung Ang Steel Co., Inc.

# JASCO Solar Roof Tiles



Headquarters 5, Seogam-ro 7-gil, Iksan-si, Jeollabuk-do  
Tel 063.832.3988 Fax 063.832.3989

Email [info@jascoroof.com](mailto:info@jascoroof.com)

Website [www.steelrooftech.com/](http://www.steelrooftech.com/) [www.jascoroof.com](http://www.jascoroof.com)

**JASCO**  
JUNG ANG STEEL CO., INC. 중앙강재





## JASCO Solar Roof Tiles Features



### Aesthetics

Unlike existing solar modules, JASCO Solar Roof Tiles matches naturally with metal roof tile, enhancing aesthetics of structures.



### Structural Stability

Compared to existing solar module, JASCO Solar Roof Tiles are more durable to typhoon and earthquakes. Unlike existing installation methods, this does not require the drilling of roofing materials, making it free from water leakage.



### Easy Installation

Roof and solar module are installed at once, making installation convenient and efficient.



### Durability

Mineral coating protects tempered glass from damage or corrosion by UV, or water, improving durability.

## JASCO Solar Roof Tiles Installation Method

### ① Installation of Rafter and Batten





# Comparison between general solar modules and JASCO Solar Roof Tiles

## Installation of general solar modules on a roof

## Installation of Solar Roof Tiles on a roof

Unnatural exterior of building	Natural integration with building
Unintegrated installation	Integrated installation with roof
Essential installation of structure on the roofing material	No need for additional structure on the roofing material
Many limitations on installation	Easy installation
Risk of leakage	No risk of leakage
Limited choice of designs	Wide range of designs
Vulnerability to typhoons, earthquakes, fire, and other natural disasters	Durable to typhoons, earthquakes, fire, and other natural disasters

🕒 Installation of gutter and eaves



🕒 Installation of JASCO Solar Roof Tiles







④ Installation and finishing of edges of solar roof tiles



⑤ Connection of inverter







Since 1998, Juang Ang Steel Co., Inc. has been manufacturing metal roofing material in Korea. JASCO stone chip coated steel roof tile is proven to show the best natural disaster resistance including typhoons and earthquakes and has long lifespan with excellent durability. Furthermore, its light weight is favorable for timber houses and not only for the construction of new buildings but also for the remodeling of existing roofing. JASCO is an acronym for Jung Ang Steel Co., Inc.

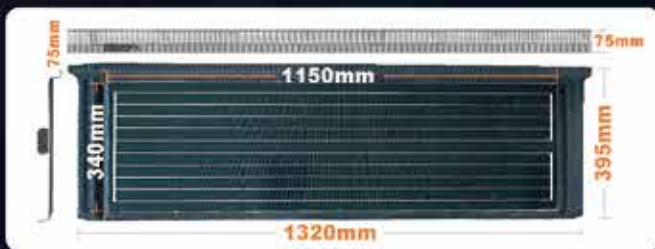
## History

- 1998** established Jung-Ang Steel Co., Inc.
- 1998** Started to manufacture stone chip coated steel roof tile
- 2004** obtained KS (Korean Standard) certificate for mineral-coated metal roof tiles
- 2004** obtained a certificate of Quality Management System ISO 9001:2000 for mineral coated metal roof tiles
- 2007** obtained a certificate of the environment management system ISO 14001:2004 for mineral-coated metal roof tiles
- 2007** selected as a Promising Small and Medium Export Business (by Small & Medium Business Administration of Korea)
- 2009** won the export award from president of Korea
- 2013** obtained non-combustible material certificate (JAPAN)
- 2013** won the export award from president of Korea
- 2017** obtained a certificate of Global IP (Intellectual Property) Managing Enterprises
- 2017** established an affiliated research center
- 2018** launched a JASCO Solar Roof Tile

## Certificates



## Specifications of JASCO Solar Roof Tiles



Solar Roof Tile  
**46units 23m<sup>2</sup>**



Max. Power  
**65W**

Max. Power Voltage  
**8.1V**

Max. Power Current  
**8.5A**

Cell quantity  
**14EA**

Junction Box  
**IP 67**

Module efficiency  
**17.7%**

Dimensions  
**1320x395(mm)**

Effective area size as roof tile  
**1255x370(mm)**

Solar panel size  
**1150x340(mm)**

Cable length  
**1000(mm)**

Weight  
**7.5 ± 0.5(kg)**

Warranty  
**10 years for module**

# JASCO Roof Tiles



Overall Length	1,325mm	Height	25/35mm
Length of Cover	1,255mm	Effective Area	0.46m <sup>2</sup> /sheet
Overall Width	395mm	Steel Thickness	0.4mm
Width of Cover	370mm	Weight	2.9kg/sheet



Overall Length	1,280mm
Length of Cover	1,220mm
Overall Width	420mm
Width of Cover	380mm
Height	25.4mm
Effective Area	0.47m <sup>2</sup> /sheet
Steel Thickness	0.4mm
Weight	2.8kg/sheet



Overall Length	1,335mm
Length of Cover	1,260mm
Overall Width	420mm
Width of Cover	370mm
Height	25.4mm
Effective Area	0.47m <sup>2</sup> /sheet
Steel Thickness	0.4mm
Weight	2.8kg/sheet



Overall Length	1,335mm
Length of Cover	1,260mm
Overall Width	420mm
Width of Cover	370mm
Height	25.4mm
Effective Area	0.47m <sup>2</sup> /sheet
Steel Thickness	0.4mm
Weight	2.8kg/sheet



Overall Length	1,315mm
Length of Cover	1,260mm
Overall Width	430mm
Width of Cover	370mm
Height	10mm
Effective Area	0.47m <sup>2</sup> /sheet
Steel Thickness	0.4mm
Weight	2.75kg/sheet