

# SCG FIBER CEMENT ROOF TILE AYARA SERIES



THE PERFECT MATCH  
TO YOUR STYLE



# Ayara Timber

## Technical Information

- Batten space : First row 11 cm., second row 9 cm., next row 20 cm.
- Roof slope : 25-40 degree\*
- Weight 27.5 kg/sq.m

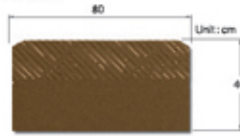
### Lumber



#### Starter Tile

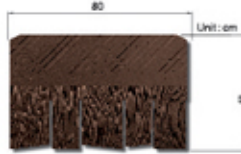
width x length x thickness (cm)  
: 80 x 40 x 0.6  
Weight 3.5 kg/tile  
Application amount 1.25 tile/m (eave)

### Grain



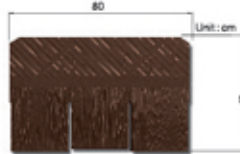
#### Starter Tile

width x length x thickness (cm)  
: 80 x 40 x 0.6  
Weight 3.5 kg/tile  
Application amount 1.25 tile/m (eave)



#### Main Tile

width x length x thickness (cm)  
: 80 x 51 x 0.6  
Weight 4.4 kg/tile  
Application amount 6.25 tile/sq.m



#### Main Tile

width x length x thickness (cm)  
: 80 x 51 x 0.6  
Weight 4.4 kg/tile  
Application amount 6.25 tile/sq.m

# Ayara Oriental

## Technical Information

### 9 Inches size

- Batten space : First row 5.5 cm., next row 15 cm.
- Roof slope : 30-45 degree\*
- Weight 27.8 kg/sq.m



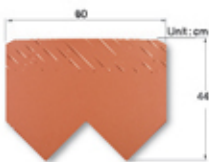
#### Starter Tile

width x length x thickness (cm)  
: 80 x 29 x 0.6  
Weight 2.0 kg/tile  
Application amount 1.67 tile/m (eave)



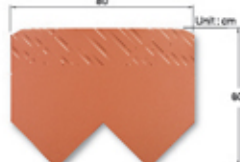
#### Starter Tile

width x length x thickness (cm)  
: 80 x 40 x 0.6  
Weight 3.5 kg/tile  
Application amount 1.25 tile/m (eave)



#### Main Tile

width x length x thickness (cm)  
: 80 x 44 x 0.6  
Weight 2.5 kg/tile  
Application amount 11.11 tile/sq.m



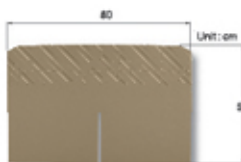
#### Main Tile

width x length x thickness (cm)  
: 80 x 60 x 0.6  
Weight 4.4 kg/tile  
Application amount 6.25 tile/sq.m

# Ayara Modern

## Technical Information

- Batten space : First and second row 11 cm., next row 20 cm.
- Roof slope : 25-40 degree\*
- Weight 27.5 kg/sq.m



#### Main Tile

width x length x thickness (cm)  
: 80 x 51 x 0.6  
Weight 4.4 kg/tile  
Application amount 6.25 tile/sq.m



#### Starter Tile

width x length x thickness (cm)  
: 80 x 40 x 0.6  
Weight 3.5 kg/tile  
Application amount 1.25 tile/m (eave)

NEW



Lumber



Hazel Brown



Golden Teak



Walnut Brown



Grain

Matte

Gloss



Natural Brick



Coral Grey



Marble Grey



Granite Red

NEW



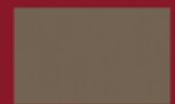
9 Inches



13 Inches



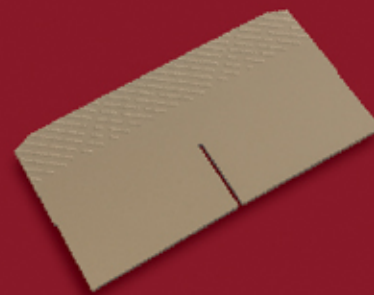
SANDY BROWN



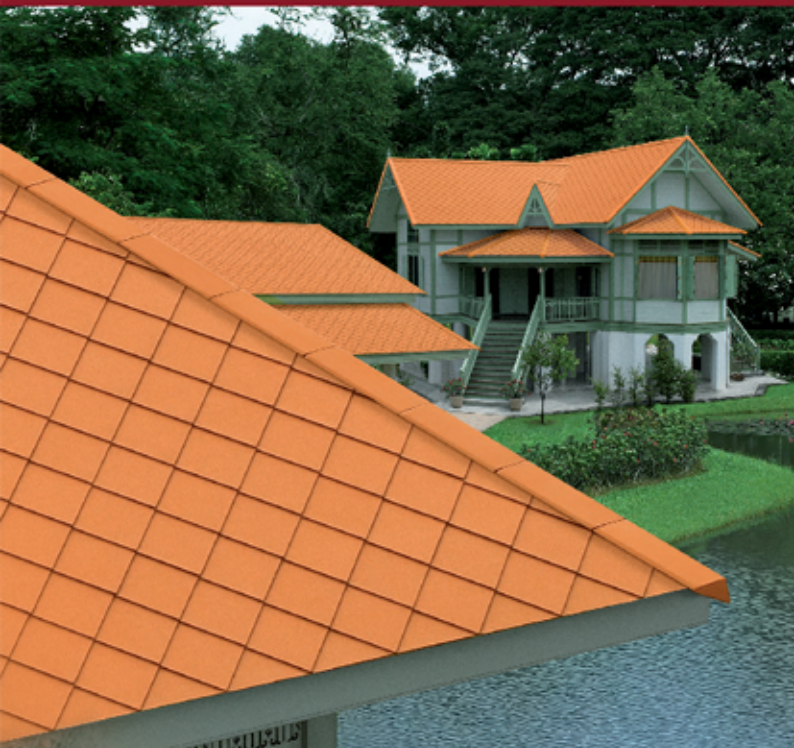
IRON GREY



MARBLE GREY



\* For roof with slope less than the specified value, it is recommended to install sub roof plate under the roof prior to installation of batten and tile.



# Z-TRON SHIELD

## Another class of technology World Class Paint Coating

First one in smooth type fiber cement roof, from SCG Ayara Roof

This is high-qualified paint coating technology equivalent to the coating for automobile industry, and environmental friendly (with low amount of VOC\* of the paint color, in accordance to ASTM D3690-1 Standard).

- **Cross Link**

Paint color matrix well blended and harmonized to the tile texture

- **Long Lasting**

Enhance the protection for the paint color from sunshine in all climate circumstances.

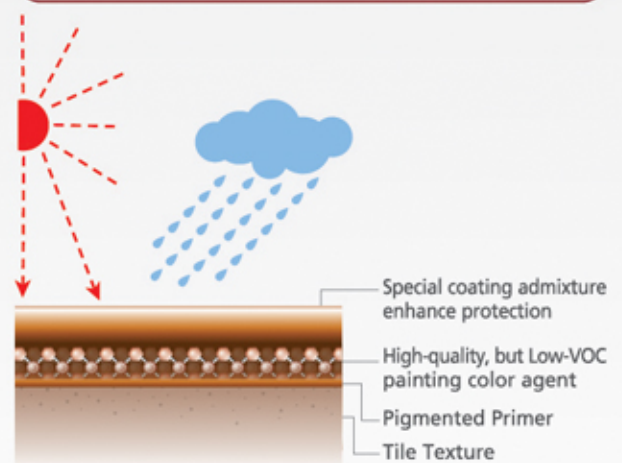
- **Scratch Resistance**

Very high resistance for scratching from normal application.

- **Easy Clean**

SCG Ayara Roof Tile with **Z-TRON Shield**, beautiful coloring, high durability, and long service life much more than normal paint color. Elegancy maintain and indicate your characteristic extensively.

Figure shows coating under **Z-TRON** Technology



\* VOC is an organic compound which can volatilize. If this compound accumulates in human body will result severe irritation, or the compound is harmful to environment.



### LUMBER

Deep timber grain with cutting edge imitating natural wood, different dimension from naturally alternated wooden pattern.



Lumber  
Hazel Brown Color



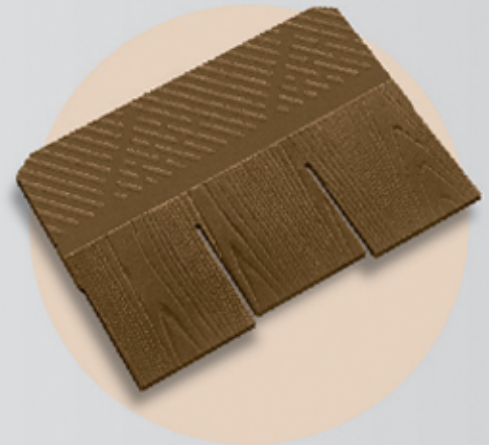
Lumber  
Golden Teak Color

Natural Emotion, Core of Jungle

### Ayara Timber

Tile with timber flange form, new path of natural elegance

# Ayara Timber



## Grain

Delicate wooden grain pattern, reiterate touch of wood, natural look elegance, match with large roof panel

## ▲ Hazel Brown

Calmness with nature

## ◀ Golden Teak

Golden spark,  
real wood imitating elegancy

## Walnut Brown ▶

Soft tone wooden emotion,  
humbly warmness



Grain  
Walnut Brown Color Grain



**9 Inches size**

Artistic blending of classic for small size roof panel, gentleness in warmth.



9 Inches  
9 Inches, Coral Grey Color

**Elegance, Classic Style  
Ayara Oriental**

Kite form Tile, Value of elegance with warmth



9 Inches  
9 Inches, Granite Red Color

# Ayara Oriental

## ◀ Coral Grey

Delicate and softness of grey

## Natural Brick ▶

Classic and Warm Brick Orange

## Marble Grey ▼

Dignified and Humble grey

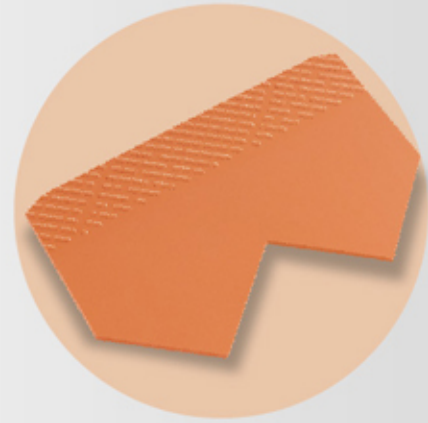
## ▶ Granite Red

Proficient and Magnificent red



13 Inches

13 Inches, Natural Brick Color



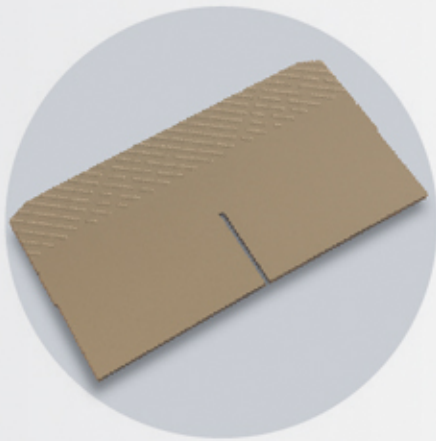
**13 Inches size**

Harmonized with large size roof panel  
Establish elegance and style of building



13 Inches

13 Inches, Marble Grey Color



Modern Form Architecture,  
In trend of the Novel and Modernization,  
Perfect Style in all looks



Iron Grey Color



Sandy Brown Color

Modern by different Styles

**Ayara Modern**

Rectangular Form Tile, Modernized simplicity style



# Ayara Modern

## MARBLE GREY >

Soft Grey in own style

## < IRON GREY

Dark Grey, Modern in all looks

## > SANDY BROWN

Modern and Simple Brown



Marble Grey Color



# THE PERFECT FITTINGS

## Ridge

width x length x thickness (cm) : 21x45x0.5  
weight 1.0 kg/tile  
application amount : 2.5 tiles/m



## Hip ridge

width x length x thickness (cm) : 21x45x0.5  
weight 1.0 kg/tile  
application amount : 2.5 tiles/m



## End hip ridge

width x length x thickness (cm) : 21x45x0.5  
weight 1.0 kg/tile  
application amount : where required



## T-type Apex

width x length x thickness (cm) : 21x50x0.5  
weight 1.3 kg/tile  
application amount : where required

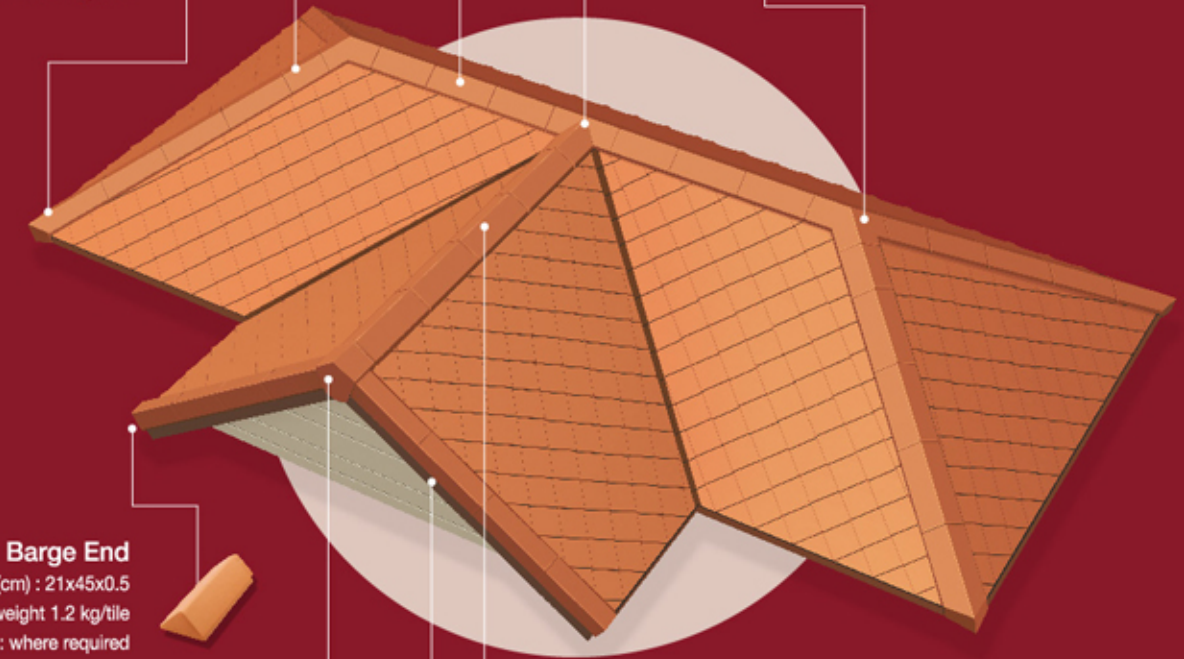


## 3-Ways Apex

width x length x thickness (cm) : 40x40x0.5  
application amount : where required



Degree	30°	35°	40°	45°
Weight (kg)	1.0	1.1	1.1	1.2



## Barge End

width x length x thickness (cm) : 21x45x0.5  
weight 1.2 kg/tile  
application amount : where required



## End Ridge

width x length x thickness (cm) : 25x30x0.5  
weight 0.8 kg/tile  
application amount : where required



## Barge

width x length x thickness (cm) : 21x45x0.5  
weight 1.0 kg/tile  
application amount : 2.5 tiles/m



## 2-ways ridge

width x length x thickness (cm) : 21x50x0.5  
weight 1.2 kg/tile  
application amount : where required

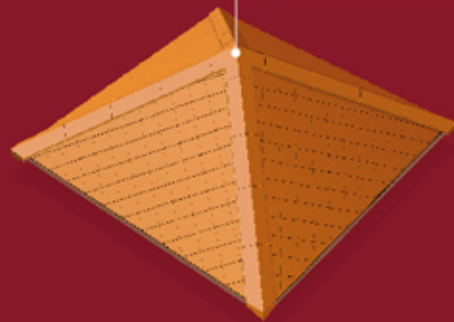


## 4-Ways Apex

width x length x thickness (cm) : 41x41x0.5  
application amount : where required



Degree	30°	35°	40°	45°
Weight (kg)	1.4	1.4	1.4	1.4



# THE PERFECT ACCESSORIES

## 1. SCG Self Drilling Tile Screw for SCG Ayara (32 mm)

**Special properties :** 32 mm length, Self drilling screw, specially coated treatment, high-strength, long term anticorrosion

**Application :** For fixing of Ayara tile with SCG Batten, for Ayara roof, or box steel batten of 1.6-3.2 mm thickness by using electrical drill without advanced drill

**Containment :** 500 pieces / box



## 7. SCG Epoxy Adhesive for Ayara Roof

**Special properties :** Made from excellent adhesive material, can be painted over by 100% acrylic paint color

**Application :** For fixing of the tile in where fixing screw is not applicable, such as tile piece at trough gullet, and on the hip ridge

**Net Volume :** 100 grams / tube



## 2. SCG Self Drilling Batten Screw (13 mm)

**Special properties :** 13 mm length, Self drilling screw, specially coated treatment, high-strength, long term anticorrosion

**Application :** For fixing of SCG Batten with 1.2-3.2 mm thickness of steel rafter, for Ayara roof by using electrical drill without advanced drill

**Containment :** 500 pieces / box



## 8. SCG Roofing Paint for Ayara, SCG Roofing Shield for Ayara

**Special properties :** 100% acrylic paint color, excellent quality, mercury & lead free

**Application :** For color furnishing or color repair of SCG Ayara roof tile and SCG Ayara cover. Paint once and leave to dry, and then paint over again by tile coating color

**Net Volume :** 1 kg / can

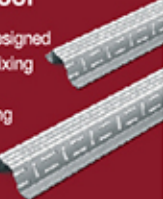


## 3. SCG Galvanized Steel Batten for Ayara Roof

**Special properties :** anticorrosion-coated steel batten, particularly designed to provide a straight line on batten to specify fixing line of Ayara tile, ensure for leveled fixing

**Application :** For installation on rafter with maximum spacing of 1 m, by using Self Drilling Batten Screw to fix at both sides to the rafter without advanced drill

**2 thickness sizes :** 0.55 mm, and 0.70 mm Thickness 4.0 m length / piece



## 9. SCG Flashing (for all types of roof)

**Special properties :** Made from special material reinforced by aluminium mesh and acrylic plate resulting flexibility, can be bent to perfectly adhere to all joints. This will ensure for the enhancing of leakage preventing property for the roof joints. Can be painted over, heat and moisture endurance.

**Application :** Used for cover all joints in any location on roof which risk to leakage, such as joints of the tiles at frontal area, or joints between the valley trough gullet

**Size :** width x length x thickness (cm) : 35 x 50 x 0.2



## 4. SCG Reflective Insulation (for all types of roof)

**Special properties :** Made from Polyethylene as main structure which enhances the reflector material ductile and moisture preventive, further from the products heat insulation property

**Application :** Lay over the rafter prior to installation of batten

**2 thickness sizes :** width x length (m) : 1.25 x 20 m (cover 20 sq.m / roll)  
: 1.25 x 60 m (cover 60 sq.m / roll)



## 10. SCG Wall Flashing (for all types of roof)

**Special properties :** Made from special material reinforced by aluminium mesh and acrylic plate resulting flexibility, can be bent to perfectly adhere to all joints. This will ensure for the enhancing of leakage preventing property for the roof joints. In addition, the product can be painted over, heat and moisture endurance.

**Application :** Used for cover all joints in any location on roof and wall, in order to efficiently prevent the leakage.

**Size :** width x length x thickness (cm) : 20 x 300 x 0.2

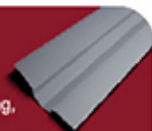


## 5. SCG Galvanized Valley Trough

**Special properties :** Made from No.28 galvanized steel for rust protection, no more problem of corrosion, rusting, roof leakage, providing width of gullet flange 18.40 cm / side with foldable edges to prevent water spilling, excellent water drain, no more problem of water spill over the gullet

**Application :** For prevent water intruding under the roof in hip gullet area, used together with hip gullet

**Size :** 15 cm valley width, 5 cm depth, 18.40 cm width of gullet flange (each side), 2 m length



## 6. SCG Dry Ridge System Set for Ayara Roof

**Special properties :** Used for co-installation with the Ayara cover by dry method without using of mortar on the roof, enhance easy installation, beautiful work, and perfectly prevent leakage.

**Application :** Installed in the roof ridge hip ridge prior to installation of Ayara cover.

**Application amount :** 1 set for 3 m length of roof ridge or hip ridge



Item	Size	No. / set	Application
1. U- shape steel leg	-	4 pcs	To support the Cover supporting C-Line steel
2. Cover supporting C-Line steel	38 mm width, 14 mm height, 0.55 mm thickness, 3 m length	1 line	Used for supporting and fixing steel of the Ayara Covers
3. Leg / Steel frame fixing screw	No. 10, 13 mm length	35 pcs.	Used for fixing of U-shape steel leg to the Cover supporting C-Line steel, and for fixing of U-shape steel to rafter or hip ridge
4. Cover insert sheet	24 cm width, 3 m length	1 roll	Leakage preventive material, used for sealing along the line of roof ridge and hip ridge after installation of Cover supporting C-Line steel
5. Self drilling screw or cover fixing	No.12, 55 mm length	10 pcs.	Used for fixing of Ayara Cover to Cover supporting C-Line steel

# THE PERFECT QUALITY



**SCG FIBER CEMENT ROOF TILE**  
**AYARA SERIES** Tough and Durable

## Durable, Impermeable, Leak-Proof

- SCG Ayara Roof is made from SCG Portland cement mixed with the synthetic fiber, which is safe and asbestos-free, blended together by modern technology. Tile texture then shall be very tough and durable with special ductility.
- Install the tile and cover using SCG Dry Ridge System set for SCG Ayara Roof which is free of mortar. No more problem from dirty cement water stain.
- SCG Ayara Roof, after roofing completely, can support personal point load of 180 kg safely. The roof can support several positions of such load simultaneously due to 3 layers of superimposing, which can assure load supporting.

## Confident in Efficiency of Reverse Flow Prevention

- With design of intercepting valley in product, and appropriate installation and over-lapping methods, including the reliable testing methods carried out under Thailand's standard circumstances (water, wind, and rain), these can ensure that the SCG Ayara roof with designated slope can definitely prevent reverse flow of rain water.

## Light Weight, minimize structural cost and time

- Lighter weight can reduce building structure with large size of roof panel.
- Appropriate size of tile panel, reduce installation time.

**Warning** • Only used for residential roof or high rise building having the height from ground to roofing level not more than 23 metres. Products are advised to use with qualified equipment from direct manufacture. Applications for other purposes are not recommended. • During working on the roof, PPE for high rise work and standard movement supporting devices are highly required. • Eating, intaking and inhaling of the dust that results from drilling, grinding, shearing, washing the materials are prohibited.

**Notice** • Elephant Brand fiber cement roofing product are designed to use appropriately with construction nature in Thailand only. For using outside Thailand, architect, contractor and installer must take responsibility.  
• Installation manual is always updated. Architect, contractor and installer have to double check if existing version is the same as the most updated one or not. For sure, it can be checked and verified by logging in to [www.scgbuildingmaterials.com](http://www.scgbuildingmaterials.com)

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