



THE PERFECT MATCH
TO YOUR STYLE

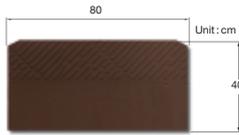


Timber Look

Technical Information

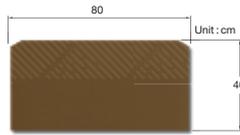
- Batten space : First row 9 cm., next row 20 cm.
- Roof slope : 25-45 degree*
- Weight 27.5 kg/sq.m

Lumber

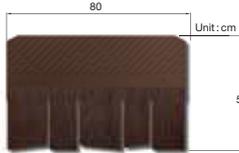


Starter Tile
width x length x thickness (cm)
: 80 x 40 x 0.6
Weight 3.5 kg/tile
Application amount 1.25 tile/m (eave)

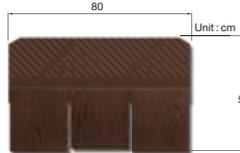
Grain



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



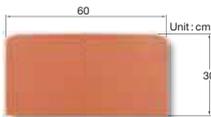
Main Tile
width x length x thickness (cm)
: 80 x 51 x 0.6
Weight 4.4 kg/tile
Application amount 6.25 tile/sq.m

Classic Look

Technical Information

9 Inches size

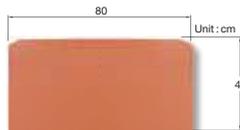
- Batten space : First row 5.5 cm., next row 15 cm.
- Roof slope : 30-45 degree*
- Weight 27.8 kg/sq.m



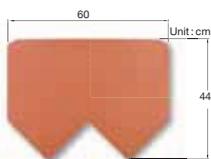
Starter Tile
width x length x thickness (cm)
: 60 x 29 x 0.6
Weight 2.0 kg/tile
Application amount 1.67 tile/m (eave)

13 Inches size

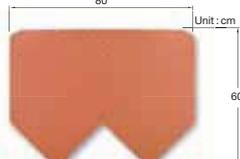
- Batten space : First row 11 cm., next row 20 cm.
- Roof slope : 25-45 degree*
- Weight 27.5 kg/sq.m



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)



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

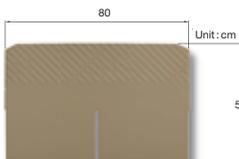


Main Tile
width x length x thickness (cm)
: 80 x 60 x 0.6
Weight 4.4 kg/tile
Application amount 6.25 tile/sq.m

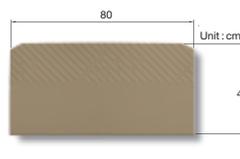
MODERN LOOK

Technical Information

- Batten space : First row 11 cm., next row 20 cm.
- Roof slope : 25-45 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)

* 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.

NEW



Lumber



Hazel Brown



Golden Teak



Walnut Brown



Grain

Matte

Gloss

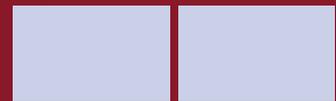


Natural Brick

NEW



9 Inches



Coral Grey



13 Inches



Marble Grey



Granite Red



SANDY BROWN



IRON GREY



MARBLE GREY





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 D3960-1 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.

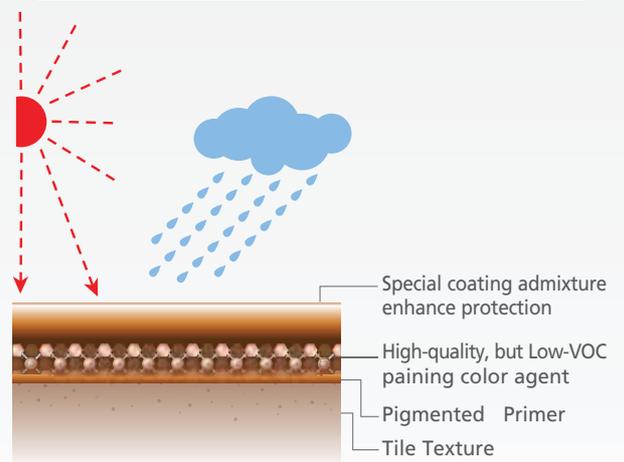
- **Scratch Resistance**

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

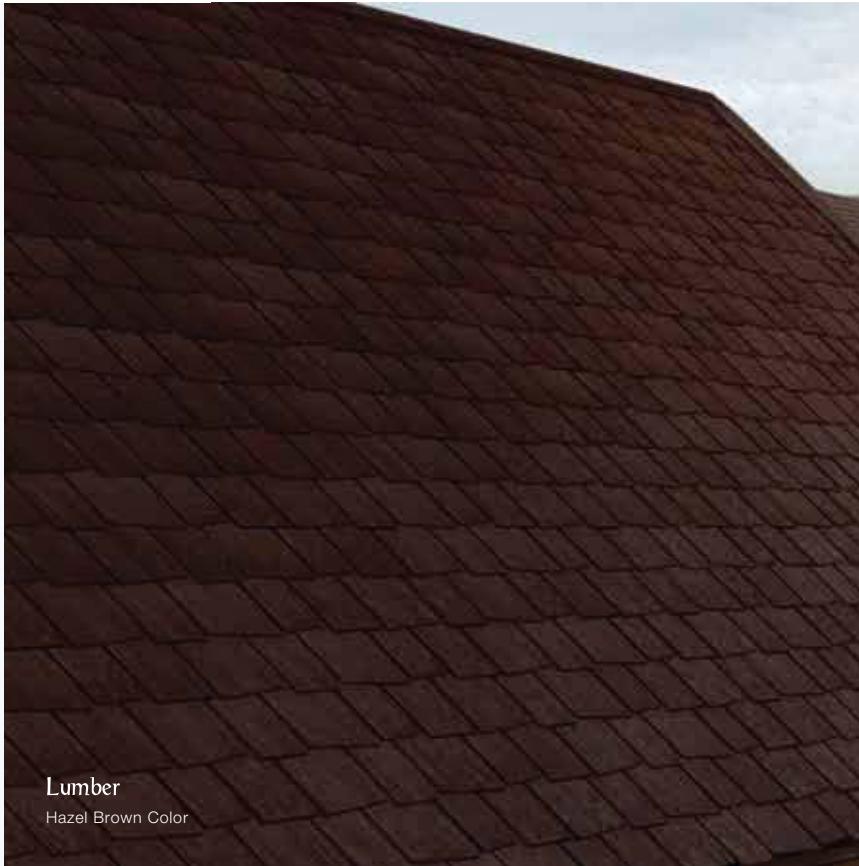


*VOC is an organic compound which can volatilize. If this compound accumulates in human body will result severe irritation, or the compound is harmful to environment.



LUMBER

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



Lumber
Hazel Brown Color



Natural Emotion, Core of Jungle

Timber Look Ayara Tile

Tile with timber flange form, new path of natural elegance

Lumber
Golden Teak Color

Timber Look



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 elegance

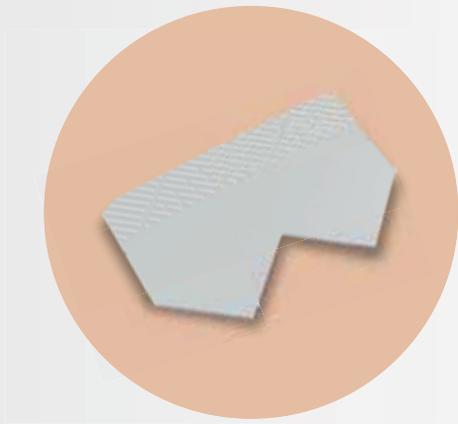
Walnut Brown ▶

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 Look Ayara Tile

Kite form Tile, Value of elegance with warmth



9 Inches
9 Inches, Granite Red Color

Classic Book

◀ Coral Grey

Delicate and softness of grey

Natural Brick ▶

Classic and Warm Brick Orange

Marble Grey ▼

Dignified and Humble grey

▶ Granite Red

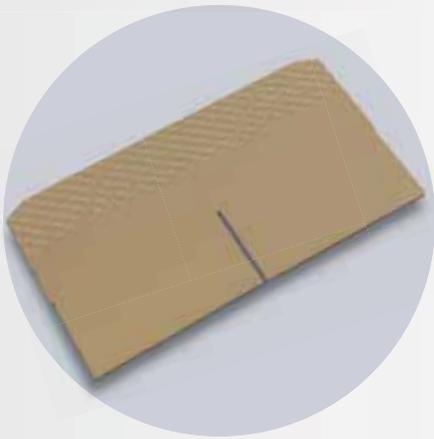
Proficient and Magnificent red



13 Inches size

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





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



Modern by different Styles

Modern Look Ayara Tile

Rectangular Form Tile, Modernized simplicity style

MODERN LOOK

MARBLE GREY >

Soft Grey in own style

< IRON GREY

Dark Grey, Modern in all looks

> SANDY BROWN

Modern and Simple Brown



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

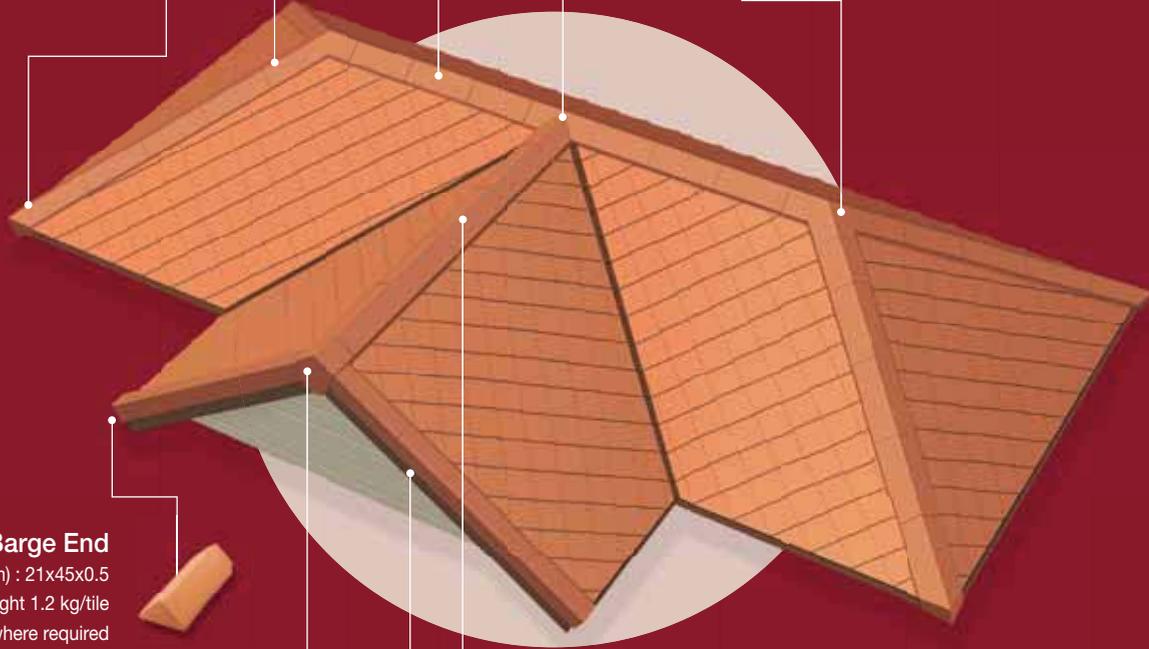


4-Ways Apex

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

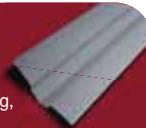


5. SCG Galvanized Valley Trough

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 Ayara Roof

Tough and Durable, ensure for working load of 180 kg/sq.cm.

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 Araya Roof which is free of mortar. No more problem from dirty cement water stain.
- SCG Araya 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.siamfibrecement.com