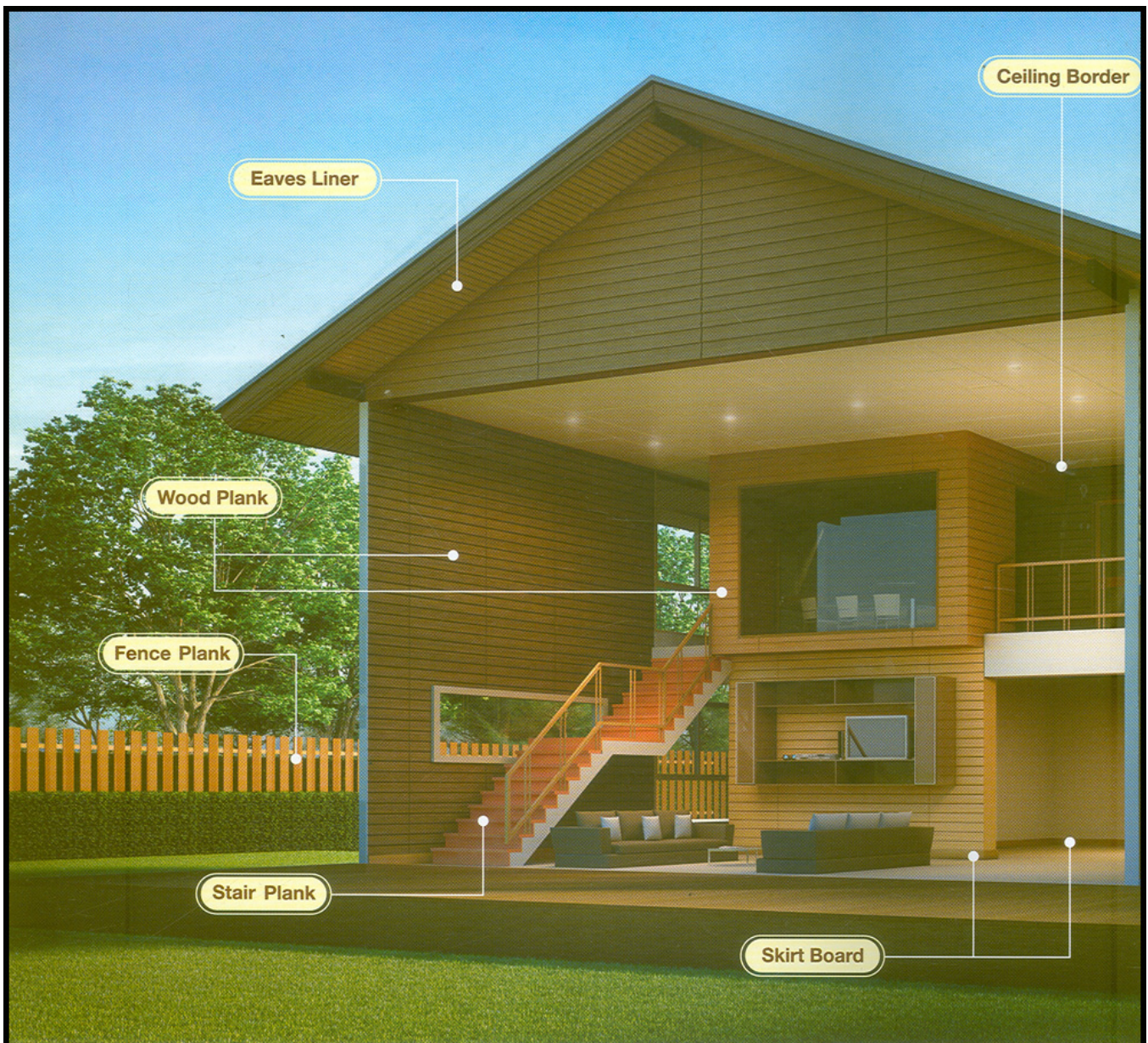




# SCG Smartwood

Attractive, Long-Lasting Color with **COLOR  
LOC**









**SCG Smartwood** is made of synthetic fiber cement that is superior to ordinary synthetic wood with a special structure mixed with the structure of **SCG pure Silica Portland Cement** and a **special type of Cellulose Fiber** submitted to an autoclave process, so we are confident in the quality of every sheet in meeting SCG standards.

## COLOR Superiority with LOC

Color Loc technology locks every molecule firmly onto SCG Smartwood fiber with a special spraying technique developed especially for synthetic wood and submitted to a hot-cold heat curing process to help lock the paint for long lasting color, so colored Smartwood stays naturally attractive, looks like the real thing and lasts longer.

### 3<sup>rd</sup> Layer

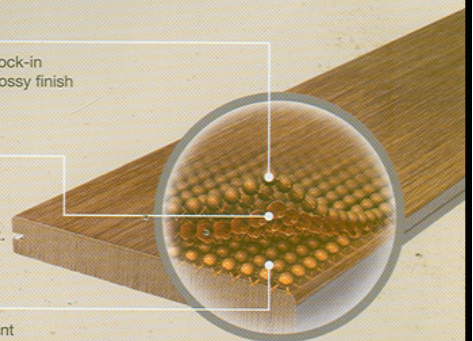
A clear coat to lock-in strength for a glossy finish

### 2<sup>nd</sup> Layer

Paint for wood finish tones and adherence to the clear coat.

### 1<sup>st</sup> Layer

Primer helps paint adhere to the wood.





## Using SCG Smartwood



Decorate **SCG Smartwood uncolored** interior ceilings and soffit by coating with white acrylic paint for an attractive, eye pleasing ceiling with a linear pattern for a dimensional look.

**Location:** Wilaiwan Huahin, Prachuabkhirikhan.



**SCG Smartwood T-Clip flooring in brown oak**

Install for an attractive walkway from a refreshing garden into the house for natural beauty with a wood grain pattern on a smooth floor with no trace of screws.

**Location:** Ratchawadi Ban Krud Resort, Prachuabkhirikhan.



**SCG Smartwood uncolored soffit boards**

For the attractive color of your choice to enhance ventilation and reduce heat under the roof for a cool, refreshing atmosphere.

**Location:** Alcidini Winery, Nakhonratchasima.





**SCG Smartwood Eaves Liner, Brown Oak Color.**

**SCG Smartwood T-Clip Floor Plank, Natural Beech Color.**

Use to decorate a lounging corner on the veranda or porch to create the perfect relaxing atmosphere for your home.

**Image:** Daybeds Magazine

**SCG Smartwood Floor Plank, Basic Series, Cream Primer Color.**

**SCG Smartwood Wood Plank, New England Series, Ivory Color.**

Install on your front porch to add a decorative touch to the walls around the house area and give your lounging corner a warm, natural look.

**Image:** Daybeds Magazine



**SCG Smartwood Shading Plank, Primer Color.**

Install around the lounging area at the back of your house by placing in every other groove to help organize the area for a proportionate, attractive and spacious look.

**SCG Smartwood Wood Plank, Colonial Series, Ivory Color.**

Add temperate beauty to your house walls with chiseled groove styles down to the skirt board edge; available in teakwood patterns for natural beauty.





## Using SCG Smartwood



### **SCG Smartwood T-Clip Floor Plank.**

Install a veranda at the front of your house to enhance your home's natural mood with an attractive one piece floor and nary a screw head in sight.



### **SCG Smartwood Wood Plank, Colonial Series.**

Enhance the wall quality of your home for a neat, attractive look with grooves and blended with the skirt boards.



### **SCG Smartwood Shading Plank.**

Install as soffit sunshades to help reduce sunlight and heat so your lounge are becomes more comfortable.



## Recommended Accessory and Studs to Install SCG Smartwood

Product	Application	Accessory	Package Size
Wood Plank	Interior	SCG Needle Point Screw 23 mm.	500 screws/box
	Exterior	SCG Self Drilling Wing Screw 28.5 mm.	250 screws/box
	Brick Walls or Old Concrete Walls	• SCG C-Line	1 strip
		• SCG Brackets	60 pcs./pack
		• SCG Needle Point Screw 38 mm. with SCG Plastic Insert 37 mm.	250 pcs./box 250 pcs./box
Fascia Board/ Eaves Filler Fascia	Fascia	• SCG Self Drilling Wing Screw 13 mm.	500 pcs./box
		SCG Self Drilling Wing Screw 28.5 mm.	250 pcs./box
		SCG Needle Point Screw 38 mm.	250 pcs./box
		SCG Needle Point Screw 45 mm.	Available in Typical Store
Eaves Liner/ Ceiling Border	Interior and Exterior	SCG Self Drilling Wing Screw 45 mm.	Available in Typical Store
		SCG Needle Point Screw 23 mm.	500 pcs./box
Skirt Board	Interior and Exterior	SCG Self Drilling Wing Screw 28.5 mm.	250 pcs./box
Fence Plank/ Shading Plank	Interior and Exterior	SCG Needle Point Screw 38 mm. with SCG Plastic Insert 37 mm.	250 pcs./box 250 pcs./box
Floor Plank	Interior and Exterior	SCG Self Drilling Wing Screw 32 mm.	500 pcs./box
T-Clip Floor Plank	Interior and Exterior	SCG Self Drilling Wing Screw 45 mm.	Available in Typical Store
		T-Clip lock set contains the following:	
		- T-Clip lock - SCG Self Drilling Screw 13 mm.	50 sets/box

## Equipment for Finishing SCG Smartwood

### SCG Corner Post Cement

- Use to cover inner and outer corners after installation synthetic wood without having to cut 45 degree angles.
- Resistant to sun & rain; suitable for every weather condition.
- Painting: primer is required before painting with 100% water-based acrylic paint.
- 3 m. long; 8 mm. wide.



### SCG Acrylic Paint for Wood Plank

- Use to cover screws, finish joints between boards after the joints are covered with SCG Smartwood acrylic sealant or paint over SCG Smartwood corner pieces.
- 100% water-based acrylic paint for an attractive, glossy, Smartwood finish.
- Size: 1 kg./can for all color of wood plank.
- For SCG Smartwood eaves lines, brown oak color.



### SCG Acrylic Paint for Fiber Cement

- Use to paint fiber cement wood in general, e.g. cladding, soffit and fence plank for a glossy finish as if painted with urethane paint for natural wood. Resistant to sunlight and rain. For both interior and exterior use.
- 100% water-based acrylic. Both primer and topcoat are available in 3 glossy shades.
- Size: 3.785 L.
- Weight 3.5 kg./can



### SCG Smartwood Acrylic Paint Sealant

- Use to seal all types of synthetic wood joints and especially for filling nail holes without sinking.
- Excellent heat and moisture resistance.
- For interior and exterior use.
- Size: 310 ml./tube



### SCG Acrylic Paint for Stair Plank

- Use to paint fiber cement wood stairs for a natural redwood look.
- Glossy paint film, resistant to all weather conditions for better cohesiveness than the regular formula.
- Ready for painting without mixing with water, quick to dry, has anti-fungal and anti-moss substances.
- Primer coat, stair paint and clear coat.
- Size: 1 kg./can



### SCG Acrylic Floor Paint for Floor Fiber Cement

- Use to paint fiber cement wood for a glossy finish as if painted with urethane paint for natural wood. Resistant to scratches, sunlight and rain. Has better cohesiveness than the general formula.
- 100% water-based acrylic paint.
- 3 colors available in both glossy and matt.
- Size: 3.785 L.
- Weight: 3.6 kg./can



#### WARNING

- Never use as a structure for buildings, support, or other purposes. SCG Smartwood must be installed in compliance with the installation manual, and only standardized equipment from the manufacturer can be used.
- Never ingest or swallow. Furthermore, the dust created from cutting, grinding, drilling or injecting the product should be inhaled.
- Do not use in areas that are wet or moist at all times.
- Do not use for flooring raised more than 50 cm or more from the ground.

#### CAUTION

- SCG Smartwood products have been designed with directions for use as suitable for usage conditions.
- Wood stain products contain chemical substance and cannot be swallowed, ingested or come into contact from the hands of children.
- If any skin irritation occurs with contact, hurry to rinse with water many times the chemical and see a doctor without delay.
- Specifications for installation are only preliminary suggestive.
- Steel Structured Buildings and the design specifications in Ministerial Regulations, 6th Edition (1984) are considered a direct responsibility of the construction designer and controller.
- The installation manual is as manual in their possession is the most recent edition. If there is any doubt, the edition can be checked at

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
















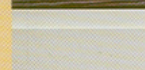






Products	Application	Name	Width (cm.)	Thickness (mm.)	Length (m.)	Weight kg. /pcs.	Surface	Edges	Color/ Model	Usagequantity (pcs. /sq.m.)
Fascia Board		Fascia Board	10 (4") 15 (6") 20 (8")	16 16 16	4 4 4	9.3 14.2 19.0	Teak texture	1 Side tapered 	Primer Primer/Golden teak	0.25 (pcs./m.)
		Fascia Board Smooth Surface	15 (6") 20 (8")	16 16	3 3	10.6 14.3	Smooth surface	1 Side tapered 	Cream Primer	0.33 (pcs./m.)
		Pre-fabricated Fascia Board	23.5 (9.4")	18	3	18.3	Smooth surface	1 Side tapered 	Primer	0.33 (pcs./m.)
Eaves Filler		Eaves Filler	15 (6")	8	3	4.1	Teak texture		Primer/Golden teak	0.33 (pcs./m.)
Eaves Liner		Eaves Liner Tapered	7.5 (3")	8	3	2.7	Smooth surface	2 Side tapered 	Uncolor /Brown Oak	4.44
			10 (4")	8	3	3.6	Smooth surface	2 Side tapered 	Uncolor	3.33
		Eaves Liner	10 (4")	8	3	3.6	Smooth surface	2 Side tapered 	Uncolor	3.33
		Eaves Liner Wood Grain	7.5 (3")	8	3	2.7	Deep wood texture	2 Side tapered 	Uncolor	4.44
Ceiling Border		Ceiling Border	5.0 (2")	8	3	1.7	Smooth surface	1 Side tapered 	Uncolor	0.33 (pcs./m.)
Fence Plank		Fence Plank	7.5 (3") 7.5 (3") 10 (4") 10 (4") 15 (6")	12 16 12 16 12	4 4 4 4 4	5.4 7.3 7.3 9.7 10.9	Teak texture	2 Side tapered 	Primer	3.33 3.33 2.50 2.50 1.67
		Decorative Stair Tread Plank	25 (10") 27.5 (11")	25 25	1.20 1.20	11.3 13.0	Smooth surface	1 Side tapered 	Uncolored /Red Wood	3.33 3.03
		Decorative Stair Riser Plank	18 (7.2")	16	1.20	5.30	Smooth surface	Squared Edge 	Uncolored /Red Wood	4.63
		Decorative Stair Floor Plank	15 (6")	25	3	17.0	Burr wood texture	2 Side tapered 	Cream Primer /Red Wood	2.22
		T-Clip Floor Plank	20 (8")	25	3	22.6	Burr wood texture	2 Side tapered 	Brown Oak /Natural Beech /Mahogany	1.67
Floor Plank		Basic Floor	10 (4") 15 (6") 20 (8")	25 25 25	3 3 3	11.3 16.9 22.6	Burr wood texture	2 Side tapered 	Cream Primer	3.33 2.22 1.67





# SCG Smartwood Products Range

Products Application		Name	Width (cm.)	Thickness (mm.)	Length (m.)	Weight kg. /pcs.	Surface	Edges	Color/ Model	Usagequantity (pcs. /sq.m.)	
Wood Plank		Colonial	20 (8")	8	3	7.20	Teak texture		Ivory	1.9	
									Golden Teak		
									Red Maka		
		New England	20 (8")	8	3	7.20	Teak texture		Ivory	1.9	
		Natural	15 (6")	8	3	5.40 7.20	Teak texture		Golden Teak	Size 15 x 300(cm) Use 2.7pcs./sq.m.	
									Red Maka		
									Walnut		
		Classic	20 (8")	8	3	7.20 9.70	Teak texture		Ivory		Size 15 x 400(cm) Use 2.0pcs./sq.m.
									Sky		Size 20 x 300(cm) Use 1.9 pcs./sq.m.
									Oak Red		
		Primer					Teak texture		Primer	Size 20 x 400(cm) Use 1.5 pcs./sq.m.	
		Uncolored					Deep wood texture		Uncolor		
		Wow	15 (6")	8	3	5.40 7.20	Deep wood texture		Golden Teak	2.7	
									Red Maka	2.0	
									Burmese Rosewood		
		Lap Siding V1	18 (7.2")	10	3	6.01	Smooth surface		Uncolor	1.96	
	Lap Siding V2	23.6 (9.4")	10	3	8.13	Smooth surface		Uncolor	1.41		

Products Application	Name	Width (cm.)	Thickness (mm.)	Length (m.)	Weight kg. /pcs.	Surface	Edges	Color/ Model	Usagequantity (pcs. /sq.m.)
Skirt Board	Skirt Board	10 (4")	12	3	5.0	Smooth surface	1 Side Skirt Board Edge	Primer	0.33 (pcs. /m.)
	Modern Skirt Board	7.5 (3") 10 (4")	12 12	3 3	4.0 5.4	Smooth surface	1 Side tapered	Primer	0.33 (pcs. /m.)
Shading Plank	Shading Plank	7.5 (3")	12	3	4.1	Smooth surface	 1 Side tapered	Primer	4.44
		10 (4")	12	3	5.5				3.33





## SCG Smartwood Floor Planks, Basic Series

SCG Smartwood Basic Floor Plank is a wood substitute for interior and exterior resort style decoration.

- Strong, long lasting and durable with up to 25 mm. thickness; can be installed on 30 cm. frame spacing for 6" width and 25 cm. for 4" width, or as decorative flooring on concrete.
- Both interior and exterior use; weather resistant; termite proof.
- Wood like texture with natural wood grain.
- Comes with primer; ready for the paint of your choice.

Width (in.)	Length (m.)	Thickness (mm.)	Weight (kg./pcs.)	pcs./sq.m	Frame Spacing (cm.)
4	3	25	11.3	3.33	25
6	3	25	16.9	2.22	30
8	3	25	22.6	1.67	40

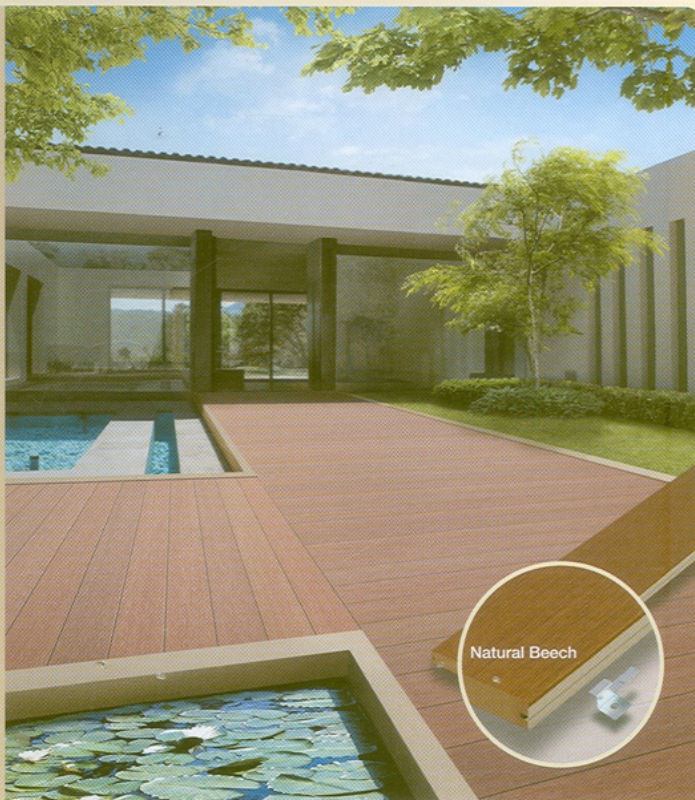


## SCG Smartwood T-Clip Floor Plank

Beautiful, perfect, neat, without a trace of any screws in sight and painted from the factory.

- Natural wood like color with up to 4 coats of paint from the factory.
- Up to three shades to choose from: brown oak, natural beech and mahogany.
- Confidence in a neat finish with side grooves chiseled out to perfectly fit the T-Clips, for an attractive, neat and flawless look.
- Quickly and easily installed with no drilling or painting.
- Environmentally friendly because we use lead and mercury free Low VOC paint formulas for fiber cement wood.

Width (in.)	Length (m.)	Thickness (mm.)	Weight (kg./pcs.)	pcs./sq.m	Frame Spacing (cm.)
8	3	25	22.6	1.67	30







## SCG Smartwood Fence Plank

Thick wood substitute for work that requires extra strength such as fences, decorative beams, sunscreens and vine lattices

- Strong, long lasting, durable and able to handle impact better with up to 12 and 16 mm. thickness.
- Beautiful natural primer teak texture.

Width (in.)	Length (m.)	Thickness (mm)	Weight (kg./pcs.)	pcs./sq.m
3	4	12	5.4	3.33
3	4	16	7.3	3.33
4	4	12	7.3	2.50
4	4	16	9.7	2.50
6	4	12	10.9	1.67



## SCG Smartwood Decorative Stair Plank

Beautiful new design, strong, durable and outstanding with tapering, giving the staircase dimensions for a satisfying feeling every step of the way.

- Easy, fast installation on concrete with a no-screw system.
- More beautiful and durable with factory made wood stain coating and clear coating. Excellent at preventing scratches (painted/colored).
- Outstanding with more tapering, giving the staircase dimension and beauty.
- Strong and durable with up to 25 mm. thickness.

Model	Width (in.)	Length (m.)	Thickness (mm)	Weight (kg./pcs.)	pcs./sq.m
Tread	10	1.2	25	11.3	3.33
	11	1.2	25	13.0	3.03
Riser	7.2	1.2	16	5.30	4.63
Floor Plank	6	3	25	17.0	2.22







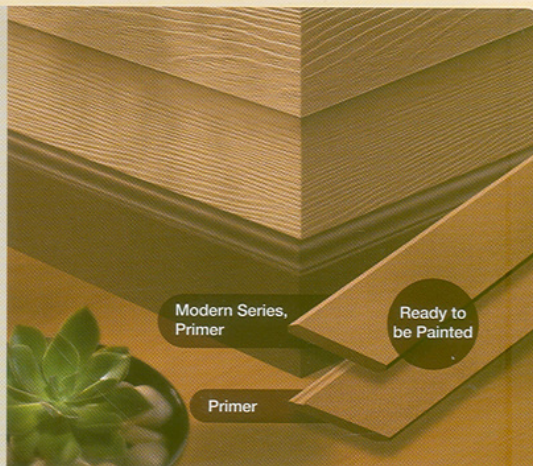
## SCG Smartwood Skirt Board

SCG Smartwood Skirt Board is a wood substitute for concealing the joint areas between the floor and wall to prevent stains on the wall and a decorative touch for aesthetic beauty.

- Tightly conceals the joints between floor and wall.
- Termite resistant and long lasting.
- Available in 2 kinds of edges in primer and ready to be painted.

Width (in.)	Length (m.)	Thickness (mm.)	Weight (kg./pcs.)	pcs./sq.m
3"	3	12	4.0	0.33
4	3	12	5.4	0.33

(\*Only modern skirt boards)



## SCG Smartwood Ceiling Border

SCG Smartwood Ceiling Border is a wood substitute for concealing joints between the ceiling edge and walls for a neat, finished look.

- Tightly conceals the ceiling edge and wall with 1 side tapered.
- Does not shrink; submitted to high pressure and high temperature steamer in the production process.
- Better moisture and termite resistance.
- Uncolored: Needs to be coated with contact primer before painting.

Width (in.)	Length (m.)	Thickness (mm.)	Weight (kg./pcs.)	pcs./sq.m
2	3	8	1.7	0.33



## SCG Smartwood Shading Plank

SCG Smartwood Shading Plank are a wood substitute for shading or sunscreens.

- Strong and durable with 12 mm. thickness.
- Smooth surface suits modern and contemporary style houses.
- Termite proof because it contains SCG Portland cement.
- Does not shrink; submitted to high pressure and high temperature steamer in the production

Width (in.)	Length (m.)	Thickness (mm.)	Weight (kg./pcs.)	pcs./sq.m
3	3	12	4.1	4.44
4	3	12	5.5	3.33







## SCG Smartwood Fascia Boards

### For Covering All Types of Eaves and Gable-Ends

- Straight throughout its usage life, does not curve or bend.
- Detailed, beautiful and natural wood grain pattern.
- Available in 2 colors: golden teak, default color from the factory; and primer color, which can immediately painted over with real paint.
- Prefabricated Eave Board Can be quickly and conveniently installed, equals to the installation of an 8" wide eave board with a 6" wide eave board.

Name	Width (in.)	Length (m.)	Thickness (mm.)	Weight (kg./pcs.)	pcs./sq.m
Fascia Board	4*	4	16	9.3	0.25
	6	4	16	14.2	0.25
	8	4	16	19.0	0.25
Prefabricated Fascia Board	9.4	3	18	18.3	0.33
Smooth Surface Fascia Board	6	3	16	10.6	0.33
	8	3	16	14.3	0.33

(\*Only available in primer color)



## SCG Smartwood Eaves Filler for Roman Tiles Roof

### For Covering Eaves Under the Roof Tiles, Helps Prevent Birds from Nesting Under the Roof.

- Sun resistant, rain resistant, termite resistant, does not curve or bend.
- Covers the underside of roof tiles neatly and beautifully.
- Attractive and durable teak wood surface color, available in golden teak and primer color ready made from the factory.

Roof Type	Color	Width (in.)	Length (m.)	Thickness (mm.)	Weight (kg./pcs.)	pcs./sq.m
Roman Tiles	Golden Teak	6	3	8	4.1	0.33
	Primer	6	3	8	4.1	0.33



## SCG Smartwood Eaves Liner

### For Soffit Ceiling Ventilation to Reduce Heat Under the Roof

- Straight, will not bend throughout usage life.
- Available in 3 types:
  - 3" Eaves Liner Tapered Edge: uncolored, brown oak (only for 3 inch wide surfaces).
  - 4" Eaves Liner Tapered Edge: uncolored (only for 4 inch wide surfaces).
  - Eaves Liner Wood Grain: uncolored.
- Uncolored, paint old primer paint before real paint.
- Brown oak, immediately ready for use.

Type	Width (in.)	Length (m.)	Thickness (mm.)	Weight (kg./pcs.)	pcs./sq.m
Eaves Liner Tapered Edge	3	3	8	2.7	4.44
	4	3	8	3.6	3.33
	4	3	8	3.6	3.33
Eaves Liner Wood Grain	3	3	8	2.7	4.44







## SCG Smartwood Lap Siding

More attractive smoothness; no more trouble with covering screw heads, so your walls are smooth on the same board; suitable for homes, buildings or modern style projects looking for a modern look with the warmth of natural wood at the same time.

### Lap Siding V1

(Smooth surface; no grooves)

Width (in.)	Length (m.)	Thickness (mm.)	Weight (kg./pcs.)	pcs./sq.m
7.2	3	10	6.01	1.96



Uncolored

### Lap Siding V2

(Smooth surface; 4"grooves)

Width (in.)	Length (m.)	Thickness (mm.)	Weight (kg./pcs.)	pcs./sq.m
9.4	3	10	8.13	1.41



Uncolored

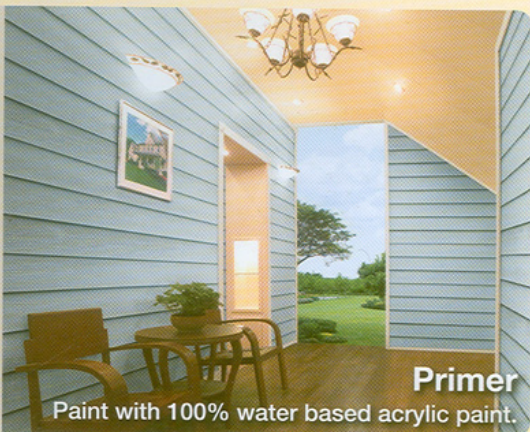


## SCG Smartwood Wood Plank, Paintable Series

### Primer

High quality ready to use primer from the factory can be painted with water based acrylic paint.

Width (in.)	Length (m.)	Thickness (mm.)	Weight (kg./pcs.)	pcs./sq.m
6	3	8	5.4	2.7
6	4	8	7.2	2.0
8	3	8	7.2	1.9
8	4	8	9.7	1.5



Primer

Paint with 100% water based acrylic paint.

### Timber

Deep wood grain patterned cladding; paint with one coat of old cement primer and two coats of paint in the shade of your choice

Width (in.)	Length (m.)	Thickness (mm.)	Weight (kg./pcs.)	pcs./sq.m
6	3	8	5.4	2.7
6	4	8	7.2	2.0
8	3	8	7.2	1.9
8	4	8	9.7	1.5



Uncolored



Timber

Exterior walls with SCG Smartwood Timber cladding. Paint with old cement primer and 100% water based acrylic finish with the shade of your choice.





## SCG Smartwood Wood Plank, Standard

### Natural

Natural wood color: Enjoy grand beauty with valuable wood style.

Width (in.)	Length (m.)	Thickness (mm.)	Weight (kg./pcs.)	pcs./sq.m
6	3	8	5.4	2.7
6	4	8	7.2	2.0
8*	3	8	7.2	1.9
8*	4	8	9.7	1.5

(\*Except for walnut)



**Golden Teak**  
Preserves the value and elegance of golden teak.

### Classic

Classic color: As attractive as genuine wood in every era.

Width (in.)	Length (m.)	Thickness (mm.)	Weight (kg./pcs.)	pcs./sq.m
6	3	8	5.4	2.7
6	4	8	7.2	2.0
8*	3	8	7.2	1.9
8*	4	8	9.7	1.5

(\*Except for sky blue)



**Ivory**  
Light tones for classic home beauty.

**New**

### Wow Series

Attractive, outstanding, long lasting color with 3 layers of varnish from the factory for a three shade look in the same board emphasizing deep wood grain patterns for a different look.

Width (in.)	Length (m.)	Thickness (mm.)	Weight (kg./pcs.)	pcs./sq.m
6	3	8	5.4	2.7
6	4	8	7.2	2.0



**Red Maka**  
Stunning with deep wood grain patterns.





## SCG Smartwood Wood Plank, Craftman

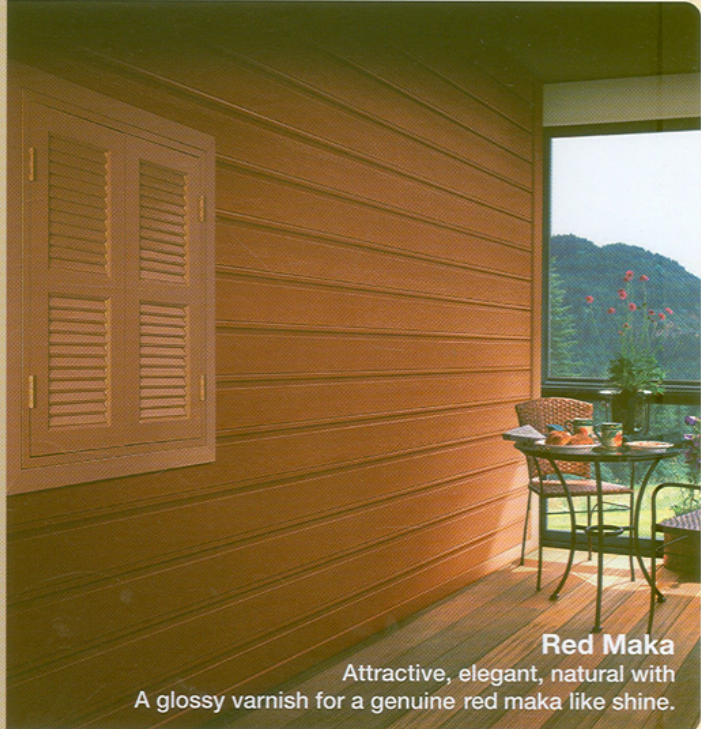
Add a decorative touch, so every corner of your house is lovely and warm as a statement of your taste as the resident with wood like patterns mixed with chiseled grooves and contoured edges adding value to quality woodwork so your entire home is beautiful.

### Colonial Series

Like the temperate style of a master carpenter with chiseled grooves. Every sheet is lathed for contour so your home is attractive, grand and more painstakingly crafted.



Width (m.)	Length (m.)	Thickness (mm.)	Weight (kg./pcs.)	pcs./sq.m
8	3	8	7.2	1.9



**Red Maka**

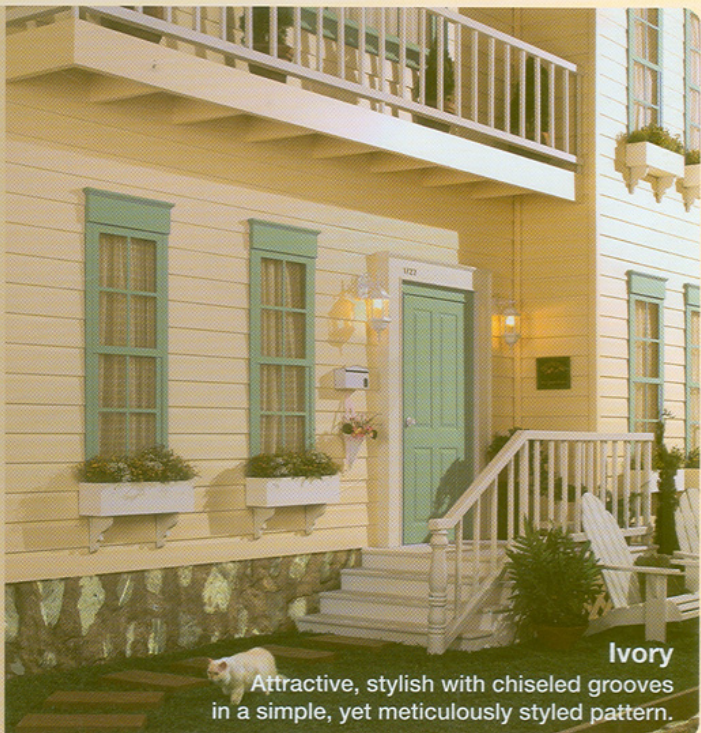
Attractive, elegant, natural with a glossy varnish for a genuine red maka like shine.

### New England Series

Attractive, elegant with meticulously chiseled grooves and a simple pattern meticulously styled by master craftsmanship.



Width (m.)	Length (m.)	Thickness (mm.)	Weight (kg./pcs.)	pcs./sq.m
8	3	8	7.2	1.9



**Ivory**

Attractive, stylish with chiseled grooves in a simple, yet meticulously styled pattern.