

PRODUCT

DECORATIVE HOME IDEAS

SCG Cementboard

Cement Bonded Particleboard

Product for External - Internal Floor / External Wall - Wall System /
Internal Wall / Internal Wall with Covering / Floor Coverings

SCG Cementboard & Cementwood

- 01 SCG CEMENTBOARD
- 02 MEGA FLOOR
- 03 MEGA STAIR





SCG Cementboard and **SCG Cement Wood** are unique product that combines the advantages of two different materials, cement and wood. As a result, this product have got resilience like wood as well as rigid like cement.

With a commitment to eco-friendliness, SCG Cementboard & SCG Cement wood ensures that every process is free from harmful materials. Furthermore, all Product are strict testing to ensure their best qualities for both interior and exterior applications.



01



02



03

SCG CEMENTBOARD

Feature

- Strong, durable, able to bear weight, these are the qualities that define the product, control with worldwide standard and ensuring no fungus growth.
- Can be used in a variety applications sub roof, interior-exterior floors, interior-exterior walls and decorative walls.
- Beautiful with random colors and patterns like bare cement, this product is suitable for showcasing as natural texture.
- Quick and easy to installation and also saving budget and time.

Size , Thickness and Weight

Standard

Thickness (mm.)	8	10	12	16	18	20	24
1200 x 2400 mm. Weight (kg. / Sheet)	32	40	48	65	73	81	97
1220 x 2440 mm. Weight (kg. / Sheet)	11.1	13.9	16.7	22.6	75	28.1	33.7
Weight (kg. / Sq.m.)	60	48	40	30	25.2	24	20

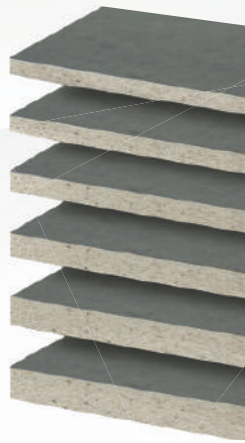


Table of Frame Spacing for Maximum Load

Frame spacing (Cm.)	Load Compliance (Kg./Sq.m.)		
	16 mm.	20 mm.	24 mm.
40 x 40	610	960	1,440
40 x 60	410	650	950
40 x 120	-	550	790
60 x 60	-	410	600
60 x 120	-	230	330



Uses for different thicknesses of SCG Cementboard

Thickness (mm.)	8	10	12	16	18	20	24
Sub-Roof			✓	✓			
External Wall / Wall System		✓	✓	✓	✓	✓	✓
External / Internal Floor				✓	✓	✓	✓
Internal Wall	✓	✓					
Internal Wall with Covering			✓				
Floor Covering	✓	✓	✓				

QR Code Catalog



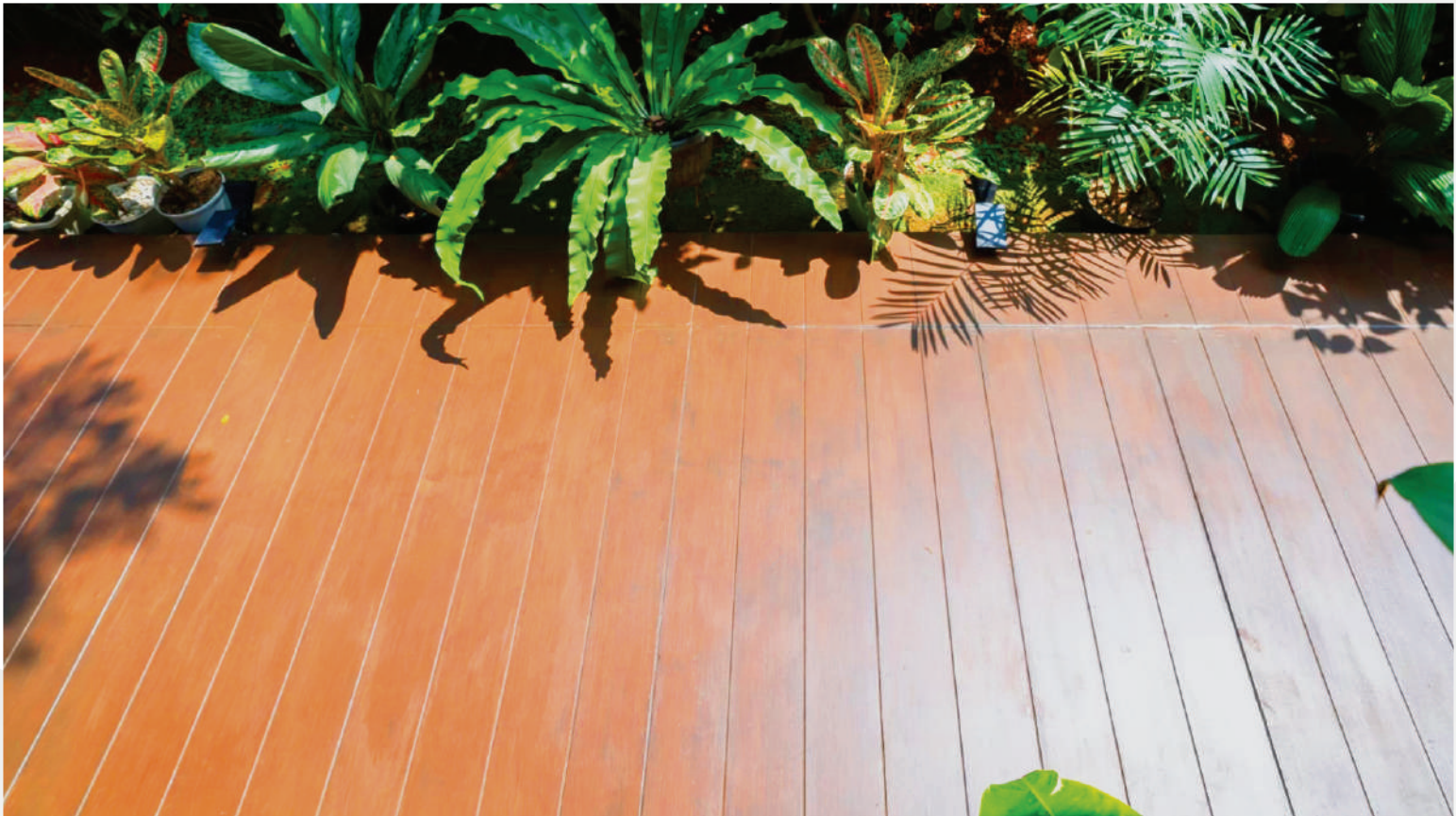
MEGA FLOOR

Feature

- Strong and durable against weather
- Can be used both internal & external application.
- Beautiful with wood grain like real wood, it is termites resistant and no fungus growth.
- Fast installation due to large sheets saves money both of frame and installation cost.

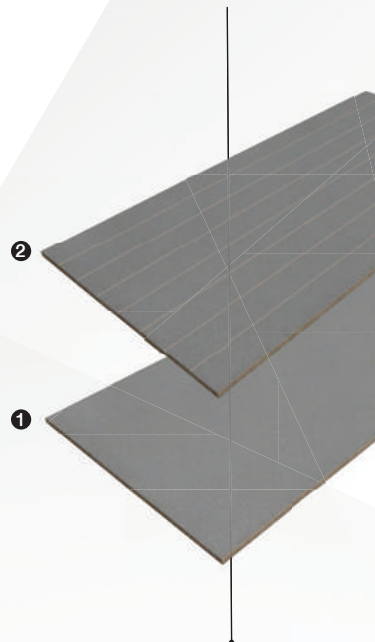


QR Code Catalog



Size / Thickness / Weight

Types	① Wood-like surface with Cement color (Grain)		② Wood-like surface with Cement color (V Groove Grain 6")	
	Size :	Weight per pieces	Weight (kg./Sq.m.)	
	(Wide x Long x Thick)			
	1220 x 2440 x 20 mm.	83 kg.	29 kg.	
	1220 x 2440 x 24 mm.	100 kg.	35 kg.	
	1200 x 2400 x 20 mm.	81 kg.	28.1 kg.	
	1200 x 2400 x 24 mm.	97 kg.	33.7 kg.	
	1220 x 2440 x 20 mm.	83 kg.	29 kg.	
	1220 x 2440 x 24 mm.	100 kg.	35 kg.	
	1200 x 2400 x 20 mm.	81 kg.	28.1 kg.	
	1200 x 2400 x 24 mm.	97 kg.	33.7 kg.	



MEGA STAIR

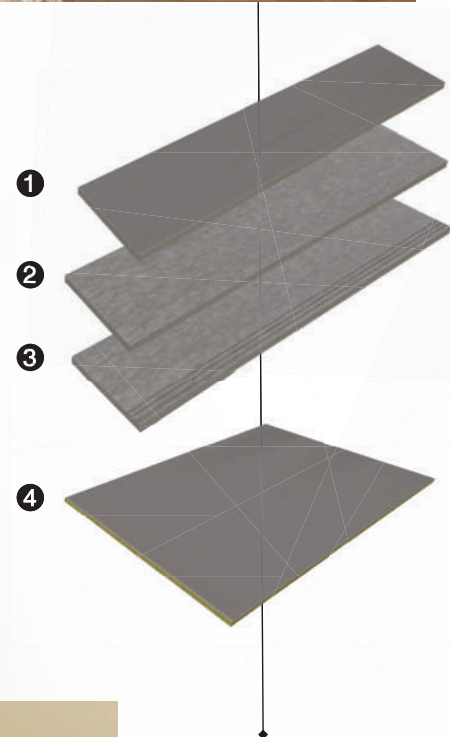
Feature

- Strong, durable, and capable of supporting weight according to install as standard.
- The wood grain pattern is beautiful, like real wood, and also it is resistant to fungus and termite.
- Mega stair are saving time to installation and cost, with stair nosing (reduce cost to product nosing stair up to 30%.)
- The large-sized stair landings are easy to install, effectively reducing the overall installation time.



Size / Thickness / Weight

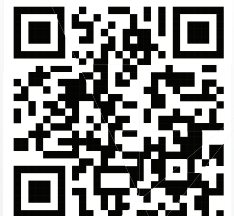
Types	W*L*H (cm.)	Weight/Piece (Kg.)	Piece/Pallet (Kg.)
❶ Riser	18 x 120 x 1.6	4.7	75
❷ Tread	27 x 120 x 2.4	10.5	60
	30 x 120 x 2.4	11.7	60
❸ Tread with groove	27 x 120 x 2.4	10.5	60
	30 x 120 x 2.4	11.7	60
❹ Landing with groove	120 x 120 x 2.4	46.7	20



Remark : Can be customize sizing as your require.



QR Code Catalog



QR Code for Painting



Accessories



Electric screw



Cordless Nail Gun



Electric Cutting machine 1800 watt
(5800 rpm)



Circular Saw 7-1/4"
(jigsaw for Cutting Wood 40 Teeth)



Needle point screw 10 mm.
Use for joint galvanize frame



Needle point screw 35-42 mm.
Use for joint galvanize frame with cement board



Wing screw 35-45 mm.
Use for joint steel frame with cement board



Concrete nail
Use for board lower than 10 mm.



Acrylic filler
Sealing defect & Hole



Polyurethane Sealant
Use for jointing the gap between board

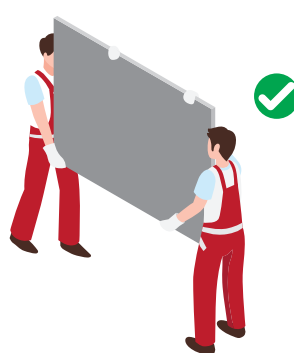
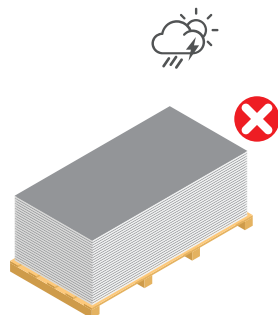
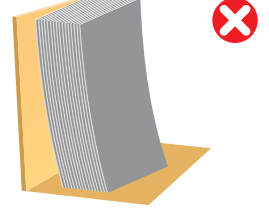
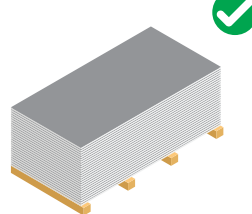
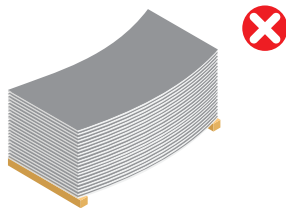
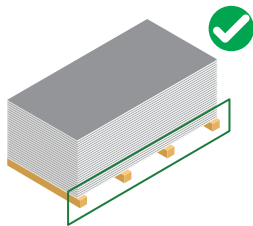
Note : Needle point screw 35-42 mm. for board 8-16 mm. / Needle point screw 42-45 mm. for board 20-24 mm. and Tapping screw for general use for Timber stud frame

Storage

- SCG Cementboard need to be stored under a roofed area, dry environment and well protected from weather. Floor area should be leveled and solid.
- Maximum of 4 pallets can stacks and laid on top each other.
- SCG Cement board essential to be store in its original packing supplied.
- Do not store on edge or upright. Outdoor storage is not recommended.

Transportation

- SCG Cementboard need to be laid flat and be effectively protected during transportation by waterproof covering.
- Lifting the board from its stack should be done one piece at a time by sliding to the side. Never lift the board from its both ends because it may cause the boards to bend resulting in board breakage.
- Should carry the board in vertical position



Installation specification

- Do not use as structure of any building, nor use in other purposes. Users must strictly follow either installation manual, or equipment which are only in accordance with the standards of procedure
- Do not eat, Avoid the smelling
- Do not use as floor which installed higher than 50 cm. or more from ground level
- Do not use in the area that are always wet and moistening

Product Tolerance

SCG Cementboard has Tolerance value about Diagonal ± 4 mm. / Width/Length ± 2 / Thickness 8 -12 mm. ± 1 mm. / Thickness 16 -24 mm. ± 2 mm.

SCG Cementwood Thickness 16 -24 mm. ± 2 mm.

Recommendation for Safety Operation

Application of products which are not in the application purposes shown in this installation manual shall be direct responsibility of designer, and construction supervisor.

For designer

- Any Properties specified in this document are the average values from Testing of product which followed the specified standards, by sampling from the products during the period before distribution only
- Specifications for installation are only the fundamental recommendation for residential houses
- For any other buildings, or buildings with higher risk shall consider the wind load for design of structures and fixing methods as well. If it is necessary to calculate while lack of certified document from reliable institute, the unit wind load following Item 17 Of the Ministry Regulation Vol.6 (1884), Which announced in the act of Building Control 1979

For installer and User

- Specifications for installation are only the fundamental recommendation for general operation. Correct method of installation and structures to be used shall consider from the Standard of Structural Steel building E.I.T 1015-40 and Specification for Design of the Ministry Regulation Vol.6 (1884), Which announced in the Act of building Control 1979
- In any case that the users require Applying the product for Uses in other Purposes which are not specified in this Installation Manual, Consult with architect and engineer.

Recommended safe work method

- SCG Cementboard and SCG Cementwood is designed and its application is designed and its application is specified to suit work condition in Thailand only . Application in other countries is considered as direct responsibility of the designer, Construction Supervisor, and installer.
- During use, Standardized personal personnel protection equipment shall be used. After finished the work, close the containers tightly and keep out of children.
- If feel irritated after have skin contact , wash with clean water for several times, and immediately see the doctor.
- If swallow or eat , do not make the patient vomit but drink a lot of clean water for several times and immediately see the doctor.
- Specification for installation are only the fundamental recommendation for general operation , Correct method of installation and structures to be used shall consider from the Standard of Structural Steel Building E.I.T. 1015-40 and Specification for design of the Ministry Regulation Vol.6 (1884), Which announced in the Act of building control 1979.
- The SCG Cement Board Products compose of the silica, Cutting grinding drilling or polishing of the products may cause the distributing dust. If those are accidentally eaten or inhaled to human body in considerable amount and over a long period, This may case danger to human body and the respiratory system.
- Cutting, grinding, drilling or polishing of the products shall be carried out in well ventilated area . Avoid using the machine for cutting grinding drilling or polishing of the products that may cause high amount of dust
- Do not work during bad climates such as, during storm or raining or on the wetting roof.
- Always wear Personal Protection Equipment which is in accordance to the Standards or any unauthorized person who does not involve to the work must not go near to the working area, in order to avoid dangerous circumstance with may occur.
- Lifting or transportation of products shall be performed with special attention. It is prohibited to bow oneself for lifting. Do not twist the body or change direction during lifting, Moreover, avoid long period of continuous work in order to prevent injury or fatigue
- Every time of lifting, ones must lower their body and hold the product firmly, then apply strength from their legs in order to lift up.
- For Cleaning the working area after complete the works of cutting grinding ,drilling or polishing of the products, use vacuum machine and seal the dust containing bag tightly, or use the cleaning liquid. Do not sweep the dust since it can make dust spread out
- Separate and collect the debris of material resulted from installation, reparation, dismantling f products with special attention, then those shall be disposed by corrective means in accordance to the sanitary regulations specified by the government
- Clean the body using clean water Cutting, Grinding, Drilling, or polishing of the products.



The color of the product in the photo may differ from the actual product due to the printing system. Therefore, please consider the color of the actual product at the store before placing an order.

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The product is available for purchase at leading building materials stores.

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