

SCG Cement Wood MEGA FLOOR

Big scales facilitating installation

For both exterior and interior uses

Less frames in installation (600 mm.* for distance)

* 600±10 mm

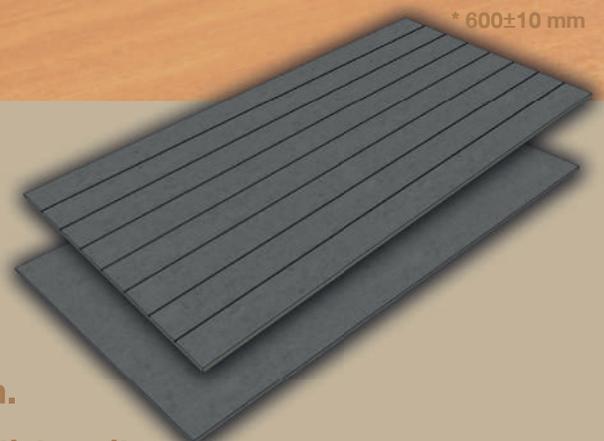
MEGA FLOOR

Bigger scales 1220 x 2440 mm.

The board is made of portland cement and wood, which is a very flexible material, through high pression.

These make the board strong, flexible, durable and anti-termite.

Rapidly renewable materials 30%



(MEGA FLOOR)



Anti-termite



Nonflammable



Money and time saving



Good for respiration

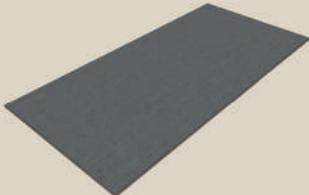
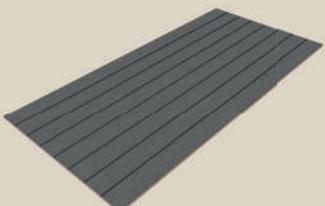


Durable against extreme weather



Easy for installation

Size / Thickness / Weight

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

Recommended equipment and chemicals



Screw with 45 mm. long



Screw driver



1800-watt Circular saw
(5,800 rounds per second)



Circular saw blade
(more than 40 sawtooth)



Grout Adhesive Poly-U seal
to put between each piece



Beger Acrylic Filler F-200
To fix nail heads
and gap between pieces



Primer for
Fiber cement SCG



Paint for Flooring
Fibercement SCG
(transparent acrylic paint)

Table of Frame Spacing for Maximum Load

Load Compliance (Kg./Sq.m.)	Frame spacing (cm.)				
	40 x 40	40 x 60	40 x 120	60 x 60	60 x 120
20 mm.	960	650	550	410	230
24 mm.	1440	950	790	600	330

- Note**
- o The load in the table is calculated from installation where the load is equally distributed and does not include concentrated force impact load or vibrations
 - o Do not use the charger in a high moisture or wet environment.
 - o The framing that supports the boards must be strong. The entire pieces must be installed and the framing must support the piece on all four sides.

Metal frames in installation

Recommended structural steels are below : Structural steel for beams

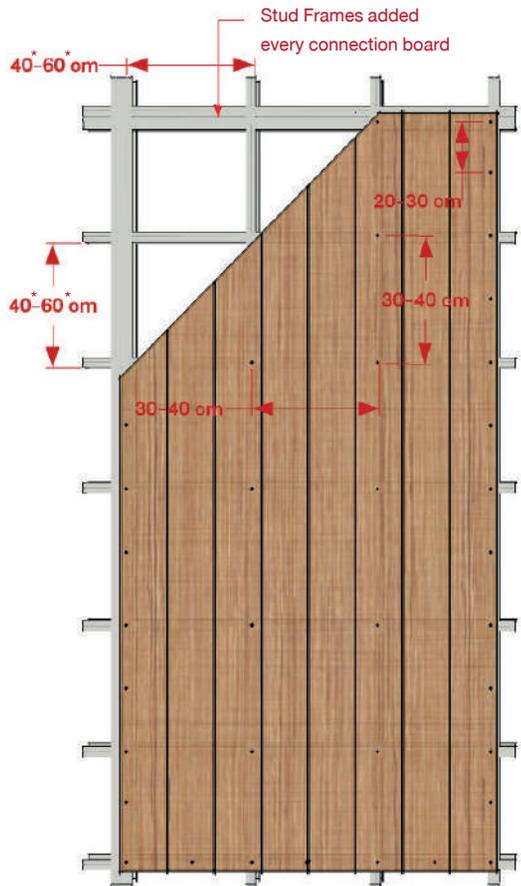


Box-like form with 100 x 50 mm.
and 2.3 - 3.2 mm. thick



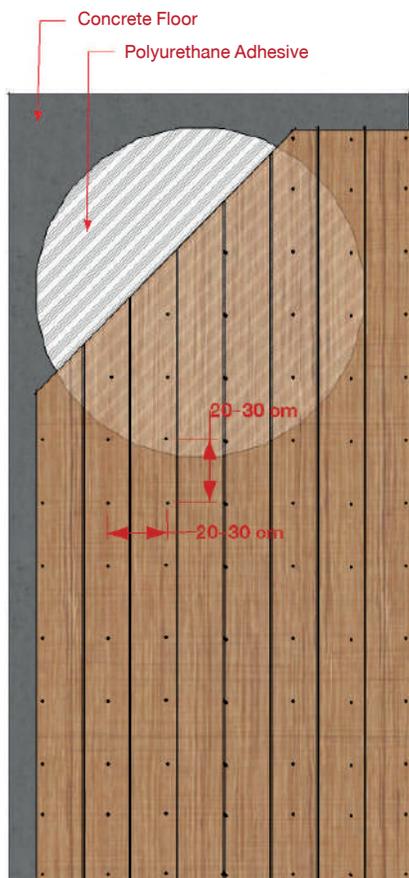
Structural steel for joist C-shaped form with
100 x 50 x 20 mm. and 2.3-3.2 mm. thick

Installation on metal structure



- Thickness** : 20 - 24 mm.
- Frames** : Put each Mega Floor board on frames with enough support for screws (as the example)
There must be frames supporting edges of each board.
- Installation** : For installation, Distance between boards is 3-5 mm. for interior and exterior. Gaps and holes must be filled up by polyurethane sealant. Distance between each screw on the edges is 20 - 30 cm. and in the middle 30 - 40 cm. but the distance screws-angle must be 7.5 cm, and screw-edge 3 cm.
- : Hide screw head with acrylic filler
 - : Clean with damp towel
 - : Varnish with primer color (1 layer)
 - : Paint with 100 % Flooring Fiber cement transparent acrylic paint for 2 - 3 layers to get timber-like surface

Installation on Concrete Floor



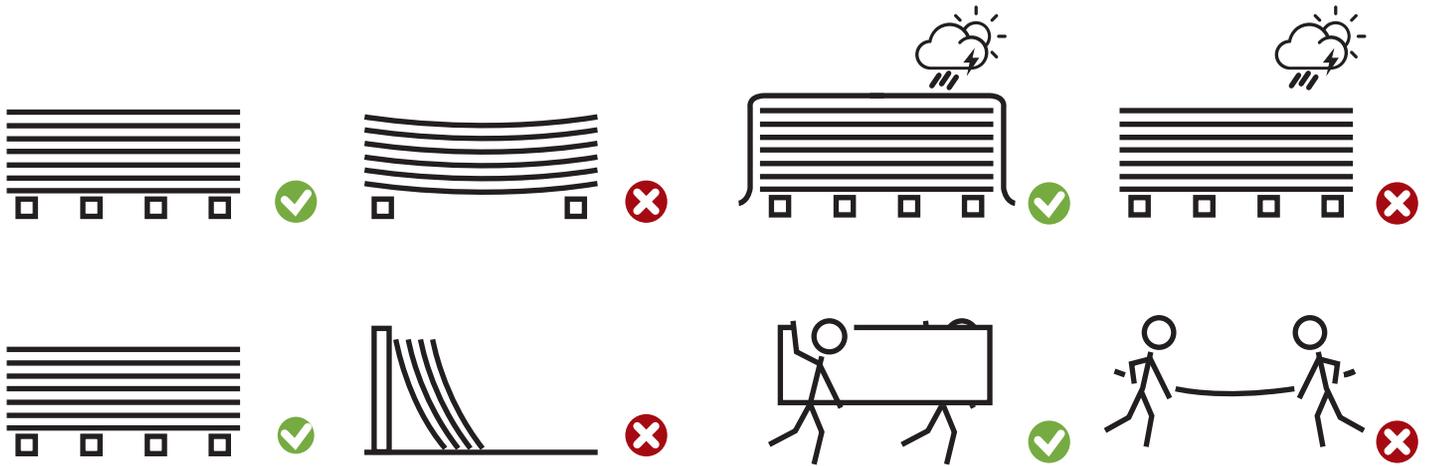
- Thickness** : 20 - 24 mm.
- Installation** : Clean carefully the surface (neither dust nor greasiness)
: Stick the board against concrete with cement adhesive. Layer should be 6 - 8 mm. thick.
: Put board on cement every 200 mm. use concrete nail 2" along the board to joint board with concrete.
Let the adhesive dry (around 24 hours).
: Required gaps between boards at 3-5 mm. for internal & external use. Gaps and holes covered by polyurethane sealant
: Hide screw head with acrylic filler
: Varnish with Primer paint (1 layer)
: Paint with 100 % transparent acrylics for 2 - 3 layers to get timber-like surface

Recommendations for Storage

- Boards should be stored in shelter against humidity or well covered when they are kept outdoor. And the location should be accessible to forklift
- Supportive stands should be properly installed before putting boards on, in order to prevent board deformation. Each stand should be distanced at 60 cm. and there should be 4 supportive stands for 240 cm.

Recommendations for Transportation

- Boards need to be laid flat and be effectively protected during transportation by waterproof covering
- Board should be handle horizontally by 3 - 4 persons



Available at leading construction stores
SCG Contact Center 02-586-2222
Email : contact@scg.co.th, www.scgbuildingmaterials.com