

## SCG Smartboard

New generation fiber-cement board consists of SCG Portland cement and non-asbestos cellulose fiber produced through Autoclave Technology. It contains strength, durability as well as elasticity at once. It is

- Water resistance
- Termite resistance
- Non decay

It is specifically designed for various ceiling, siding and flooring applications, both internal and external usage. It comes in various sizes and thickness.



**Thickness available : 3.2 – 18 MM  
in various sizes.**

### Bending Radius



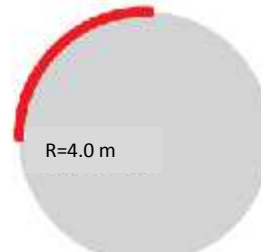
SMB 4mm  
R = 1m



SMB 6mm  
R = 1.50 m



SMB 8mm  
R = 2m



SMB 10mm  
R = 4m

**No water to be applied while bending the board.**

ATTRIBUTES	TEST VALUE	STANDARDS
Water expansion rate (24 hrs.soak)	0.12%	JIS A 5420
Density	1,260 Kg./M <sup>3</sup>	ASTM C 1185
Resistant to leakage(24 hrs.water contain)	Pass	TIS 1427-2540
Water absorption rate	34%	-
Tension force perpendicular to the surface	1.0 MPa	JIS A 5905
Modulus of Rapture(Wet Test)	10 N/Sq.mm.*	ASTM C 1185
Heat Conductivity rate (K)	0.084 W/M <sup>0</sup> c	ASTM C 117
Sound Resistant(STC)	38 dB	BS 2750
Non Flammable , Non combustible	Pass	BS 476 Part 5,6 and 7
System Flame Resistant	1 and 2 hrs	BS 476 part 20-22
Drying Shrinking rate (60 <sup>o</sup> c, 24hrs.)	0.04%	-
Modulus of Elasticity	4,500 N/Sq.mm.	ASTM C 1185
Bending Radius ( 4, 6, 8 , 10 mm.)	1.0,1.5,2.0,4.0 M.	-

### SCG Smartboard : Ceiling application

Can be installed with various styles, such as.

- Pocket ceiling or leveling ceiling
- Bent ceiling
- Space lining ceiling
- T – bar or
- Mixed among various models to enhance elegancy.

Down lights can be installed conveniently and ceiling can be painted over by 100% acrylic paint as wished .





Bent ceiling



Space lining ceiling

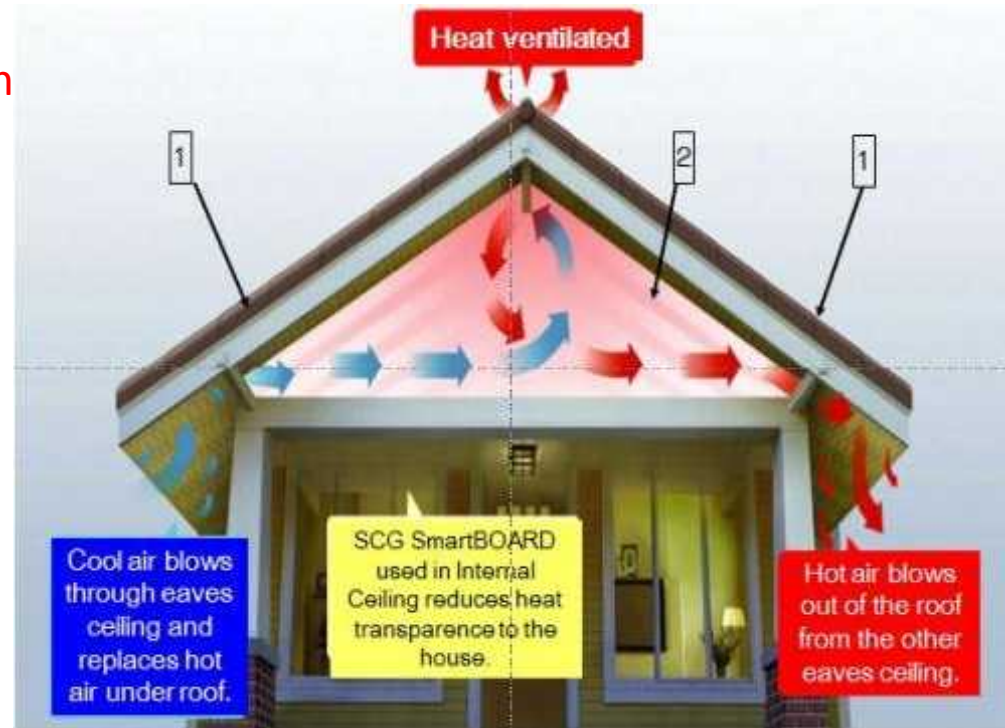


T - bar ceiling



## SCG Smartboard: Ventilated ceiling application

Ceiling with the factory made drilled holes suitable for eaves ceiling application.



## SCG Smartboard: Wall application

High impact strength , lasting durability and easy installation. SCG smartboard is the most suitable choice for external , internal wall and partition.

- With maximum hanging weight up to 80 kg each point .
- Resistance to moisture , heat and rain in external usage.



## SCG Smartboard: Sub roof application



## SCG Smartboard: Flooring application



## SCG Smartwood

Fiber cement planks having wood like patterns mixed with chiseled groves and contoured edges adds value to quality woodwork so your entire home is beautiful.

Is made of synthetic fiber cement that is superior to ordinary synthetic wood with a special structure mixed with SCG pure silica , Portland cement and special cellulose fiber , submitted to autoclave process.



Thickness comes from 8 mm to 25 mm as per application in different sizes.



Wood Plank



Eave Liner



Fascia



Skirt



Fence



Shading Plank



Eave Filler



Floor Plank



Ceiling Border



Stair Planks

SCG Smartwood product range

SCG Smartwood: Decking application



SCG Smartwood: Ceiling application





SCG Smartwood: Cladding application





SCG Smartwood: Fencing application





SCG Smartwood: Screen wall application





SCG Smartwood: Skirting application



SCG Smartwood: Stair planks application