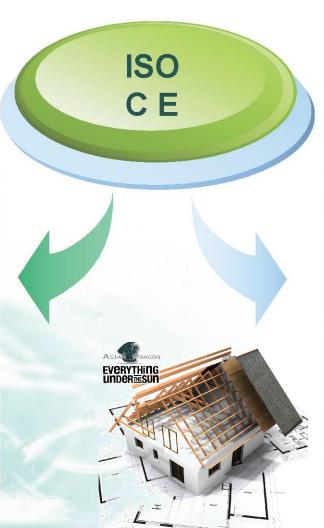
- 1. 100% Fireproof, heat-insulation, waterproof
- 2. Earthquake proof up to Richter scale 9
- Housing is stronger than the normal brick house
- Housing eco-friendly, recyclable, fast-build prefabricated insulated, self-energy supported
- 5. We deliver houses with a durability of more than 50 years
- 6. We are able to give 10 years warranty on all our houses
- 7. We are able to design a house on request
- 8. We can produce more than 1000 houses a month
- European and USA standards
- 10. passed ISO, SGS, CE, SABS certification
- 11. wide range of buildings including, low-cost housing, villas, schools, hospitals, shopping malls, halls, office buildings, warehouses & workshops, etc...

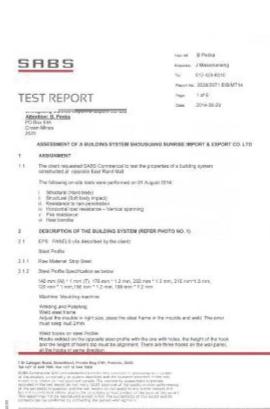
### Quality Control & Certification







### Quality Control & Certification





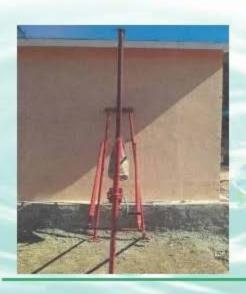


# Stronger Than Brick House





The house contains only cement and steel structure, 2400X600mm board could load 9 tons





A 45kg bag containing stone and sand is used to hit the wall 25 times, from a height and distance of 3.5metres. The wall remained intact.

# One panel loading ability

Panel: 2400[H]X600[W]X90mm



## Fireproof, Heat-Insulation



On the left picture; SABS burns one side of the panels for one hour at 1000 degree. The opposite side of the wall was intact and not overheated.

The interior of the house was burned for 30mins, at a the temperature of about 600 degree, the outside of the wall is about 50 degree



## Fast installation



50 Sqm house installed by 6 workers in 3 hours



#### One floor

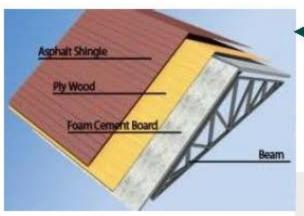




#### **Two-storeys**

**Three-Storeys** 





Roof system

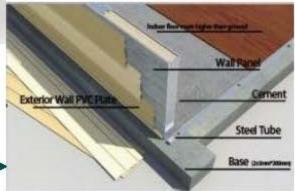
Wall system -





Electricity system

Foundation system



## Production process

Foam Cement Board Production Flow PF-01 [Thickness 70mm/90mm/140mm]





Make & galvanized steel frame **Standard** 

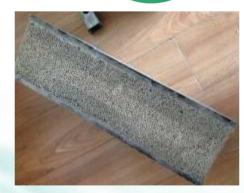
size:600[W]X2800[H]mm

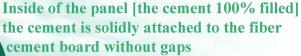






Cut the fiber cement board to size 600X2800mm Fiber cement board thickness 6mm





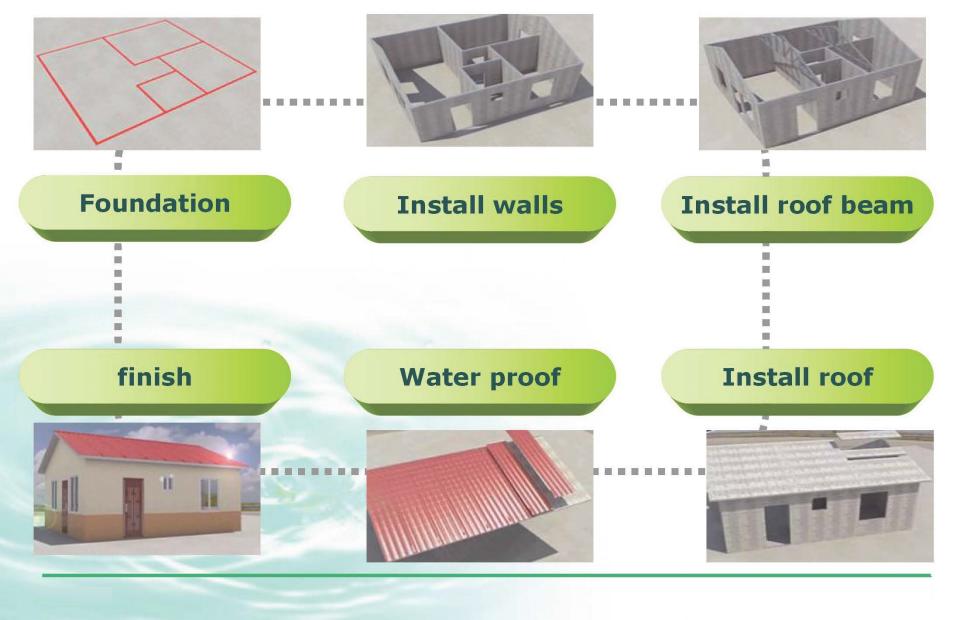




Attach the fiber cement be on both sides of the steel the Silicone sealant







### Foundation







Make the concrete



Connect the steel tube to concrete with the raw bolt



Connect the wall panel to the steel tube using self-drilling screws.

## Water System & Plumbing





There are two ways of installing water pipes

1- Installing within the wall (by cutting and lodging the pipe in the wall and plastering with cement as is the case for a brick building) or outside the wall.

2- Driving the pipe from outside and connecting to the shower and taps.

## Installation of Electrical Switch





## Waterproof Roofing

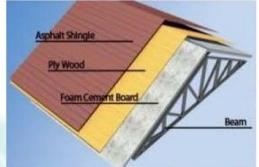


Glass wool 50mm/75mm

Roof Asphalt Shingle







Cement tile

