



S11 House

Archicentre Sdn. Bhd.

Location:

Malaysia

Area:

1000 sqm

Designer:

Dr. Lee Yee Hock
Archicentre Sdn. Bhd.



The S11 House is located in an established urban suburb of Penang, Malaysia. An existing 1980s-era house was made way for a new green tropical house, constructed along the lines of a large tree canopy covering and sheltering the living spaces underneath it.

The S11 House is Malaysia's first GBR (Green Building Rating) rated private residential house.

The house is finished in natural finishes - raw off-form concrete walls and

ceilings, unpainted cement plastered walls and unpainted concrete (the kitchen, staircase, for built-in, chimney and living areas come from precast concrete). The entire flooring and ceiling are exposed. Recycled (Green) PVC wallboard under the ground floor flooring timbers are all recycled (pallets collected over many years). Concrete surfaces are painted with low VOC paints. Internal joinery work has low VOC, oil-free and water-based glues. The mobile food station on all levels has recycled waste pyrolyzed oil-boards.