

# *Stay In Place ( SIP ) System*

*Constructing walls with Fiber Cement Boards as mold or formwork which is not remove after concrete is infill makes stronger sound-proof, fire-proof, cyclone-proof and earthquake resistant structure.*

*Infill concrete can be normal concrete to any strength you wish for shear wall full monolithic structure for small houses or non load-bearing CLC low density concrete mix for high-rise walls.*

*Videos is available in website menu :  
[www.lcm.my](http://www.lcm.my)*

# ***Conventional ways and IBS-SIP ways***

- *Conventional system has been use for more then a hundred years where you dig hole into the grounds for footing, stumps, ground beams, columns and beams with brickworks and cement renderings. It takes months and very expensive requiring many skill workers to build*
- *Industrialize Building System ( IBS ) with Stay In Place formwork ( SIP ) is simply a Pad Strip Raft Foundation and Stay In Place molds set-up and concrete infill and the full monolithic shear wall structure is ready for roofing and paintings in just a few days and little manpower*

*A set of 8 sq. ft. SIP set has 12 pcs Concrete  
Spacer parallel bonded with 2 pcs  
2 ft. x 4 ft. Fiber Cement Boards*



*We provide mold to precast concrete  
spacer*





*The 8 sq. ft. ( 0.75 m<sup>2</sup> ) SIP set is made with a special RIG set which we provide and also Epoxy Solvent bonding glue with bonding agent for the cement boards*



*2 ft. section by section upwards*





# *Pad Strip Raft Foundations for single floor houses with Grade 30 Self Compacting Concrete*



*With Self Compacting High Strength Concrete we get very smooth level base that takes tile strait away, reinforcement and starter bars, we encourage the usage of bamboo to replace steel.*





*It take just 10 minutes to make a SIP set,  
SIP is setup clamp and align for concreting*



# *Alignment and U-clamps*

- *We train and technology transfer*
- *We consult and advise your engineers*
- *SIP is a Patented Pending ( PI 2021002641 )*

*Infill of various kinds of concrete*  
*We can assist in providing suitable mixers*  
*and pumps*





*Door & Window frame is install including water piping and electrical conduits with sockets prior to concreting / infill*



*Section by section up – SOP procedures for reinforcements, alignments and clamping's*



*Windows can be a full completed windows*





*Final sections inclusive top pitch sections in 2 to 3 days*



*Durable Fiber Cement Board as all  
surface with 100% zero cracks*



*IBS-SIP construction system is a Patented system and under PCT covering 153 countries*

*It is our wish to provide SIP system to as many countries as possible to help out the over 400 millions house urgently require around the world, with our proven durable concrete houses, we hope more will join us and help the poor and homeless own this affordable houses at low-cost prices with help from government to provide the land.*



# My business card and contacts



**SHS LCM**  
Solid Housing Solution Systems  
Lightweight Concrete Methodology

" Complete Full Concrete Structure In 5 Days "

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