

**EZYBUILD**<sup>®</sup>

SOLUTIONS



## SMARTBUILD<sup>®</sup> solution

*Steel Framing System for Strength and Durability*

### Smart Technology

- Fully Pre-engineered & light-weight
- Environment Friendly

### Smart Engineering

- Accurate Dimensions
- Design Flexibility

### Smart Construction

- Easy & Quick to Assemble

### Smart Protection

- Termite & Fire Resistant

### Smart Roofing

- Durable & Strong



**TATA BLUESCOPE  
STEEL**

## About SMARTBUILD® solution

SMARTBUILD® solution is an advanced, light-gauge steel framing technology made from high tensile zinc and aluminum alloy coated ZINCALUME® steel. SMARTBUILD® solution offers superior features such as safety, thermal efficiency and environment-friendly credentials that make it a widely accepted steel product for construction. SMARTBUILD® solution offers several benefits such as strength, superior design and speedy construction. The brand is well-established in Australia, South East Asia and China.

SMARTBUILD® solution doesn't twist or shrink due to its high strength frames and trusses. The walls also remain perfectly straight, therefore doors don't jam, windows don't stick and cornices don't crack. Also roofs don't leak because the trusses and frames are rigid. SMARTBUILD® solution, being precision engineered out-performs any other method of construction.

### SUPRACADD™ software

SMARTBUILD® solution is a technologically advanced system specially designed using the SUPRACADD™ software.

#### Benefits of SUPRACADD™ software

- Quick modeling of buildings
- Quick design of structural members
- Quick detail drawings
- Optimisation of the building
- A solution for quick erection
- Fast, efficient and well-engineered solution
- Specially designed truss and frame elements

## Simple Steps of Construction Process

Step 1



Using top and bottom chord, create a triangle frame of the truss

Step 2



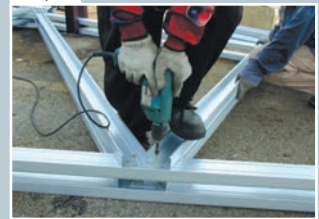
Create the truss template

Step 3



Install subsequent trusses over the truss template

Step 4



Use drill gun to fasten the screw at the bottom chord and web members

Step 5



Install L-brackets to the beam and fix trusses using self tapping fasteners

Step 6



Fix battens to the trusses with recommended spacing

Step 7



Finished roof trusses are ready for cladding

Final Project



All above solutions are offered with high strength steel roof & wall cladding profiles



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