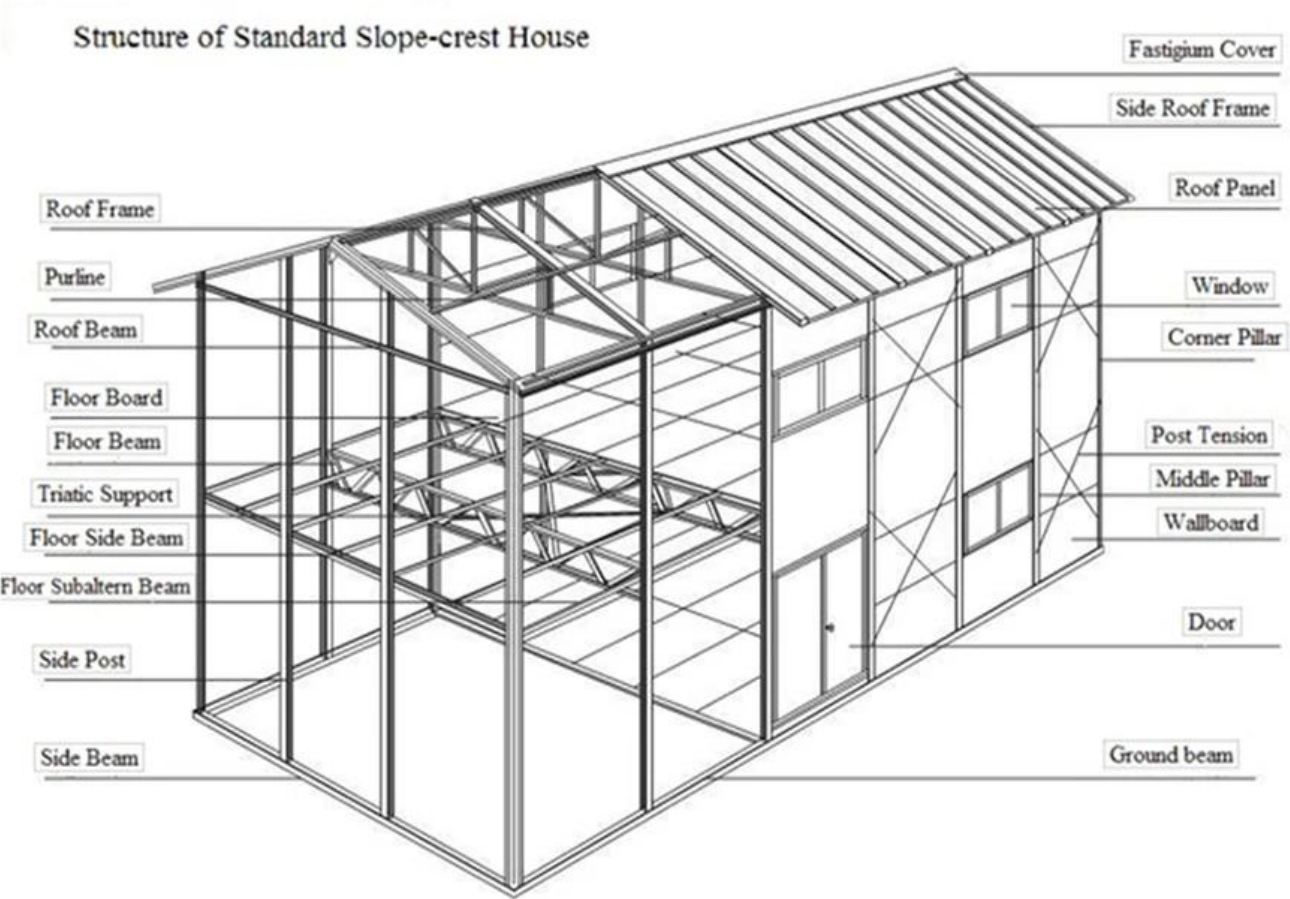**Pre engineered steel buildings** | reusable flat pack mobile dorm plan easy relocate, With toilet, suitable for shared dormitories

## Structure Image of China prefab house :

Structure of Standard Slope-crest House

| Label (left) | | Label (right) |
| --- | --- | --- |
| Roof Frame | | Fastigium Cover |
| Purline | | Side Roof Frame |
| Roof Beam | | Roof Panel |
| Floor Board | | Window |
| Floor Beam | | Corner Pillar |
| Triatic Support | | Post Tension |
| Floor Side Beam | | Middle Pillar |
| Floor Subaltern Beam | | Wallboard |
| Side Post | | Door |
| Side Beam | | Ground beam |

Low cost **prefab warehouse price in china** wholesale with high-quality galvanized steel, fast installation, customizable sizes, and direct factory supply for reliable and affordable storage solutions.

| SPECIFICATION: | | |
| --- | --- | --- |
| 1 | Room Specification | |
| | Room number / Row | 20 Rm/Floor x 2 Stroies = 40 Rooms |
| | Room Size | 2.75 x 2.75m, Area = 7.5sq.m |

| | | |
|---|---|---|
| **2** | Steel Material Structure | |
| | Column | 2C-80x40x15x1.8 w/ Anti Rust Paint & Oil Paint Finished |
| | Base Beam | C-80x40x15x1.8 w/ Anti Rust Paint & Oil Paint Finished |
| | Floor Beam | C-80x40x15x1.8 w/ Anti Rust Paint & Oil Paint Finished |
| | Ring Beam | C-80x40x15x1.3 w/ Anti Rust Paint & Oil Paint Finished |
| | 2nd. Floor Purlin | C-80x40x15x1.3 w/ Galvanized |
| | Walkway Bracket | C-80x40x15x1.3 w/ Anti Rust Paint & Oil Paint Finished |
| | Walkway Panel Steel Panel | 1.8 MM Anti-skid Steel Panel width=970 mm & Oil Paint Finished |
| | Steel Rod Bracing | RB 9 w/oil paint and GIS. Tum Buckle & Oil Paint Fished |
| **3** | Wall Partition Specification | |
| | Steel Plate Thickness | t > 0.25 mm |
| | Insulation Panel | Polystyrene Foam t = 75 mm. / Density = 12 kg./ cu. m. Edge with steel belt |
| **4** | Floor | |
| | Floor 1, 2 | Black Plywood 15 mm |
| **5** | Roof Sheet Specification | |
| | Purlin Roof | C-50x10x5x1.3 w/ Galvanized |
| | Roof Type | t> 0.25 mm |
| | | Polystyrene Foam t = 75 mm. / Density = 12 kg./ cu. m. |
| | Roof Drain | Standard |
| **6** | Door and Window | |
| | Door | steel composite door with lock t= 50 mm. Size 830x2000 pad Lock |
| | Window | PVC Window Slide w/ clear glass 4 mm.and lock Set. Size1335*920mm |
| **Wind resistance** | Grade 11(wind speed≤120km/h) | |
| **Earthquake resistance** | Grade 7 | |
| **Show load capacity of roofing** | 0.6 kn/m2 | |
| **Live load capacity of roofing** | 0.6 kn/m2 | |
| **External and internal wall heat transmission coefficient** | 0.35 kcal/m2hc | |
| **Wall permitted loading** | 0.6 kn/m2 | |

**Pre built tiny homes price** vary depending on size, materials, and customization, with eco-friendly, off-grid, or luxury options available.