

# **Prefab House Rukom 2.0**

**Technical Specification R36 (6M x 6M, 2 Bedrooms, 1 Toilet, 1 Kitchen,  
4 doors, 4 windows, 1 septic tank, floor tile, ceiling, painted)**

## **1. Foundation**

**Slab Foundation : Concrete K-175, 400x120 mm, 3 D8-150**  
**Working floor : 50mm mortar**  
**Anchor bolt : Dynabolt D12mm x 100mm**

## **2. Columns**

**Height : 3.0 M**  
**Width : 0.4 M**  
**Corner : B60x60x1.2 mm, Mild steel ST-37, painted**  
**Other ends : B60x40x1.2 mm, Mild steel ST-37, painted**  
**Horizontals : B60x30x1.2 mm, Mild steel ST-37, painted**

## **3. Beams**

**Length : 2.62 M and 2.24 M**  
**Height : 0.6 M**  
**Top/Bottom : B60x40x1.2 mm, Mild steel ST-37, painted**  
**Verticals : B60x30x1.2 mm, Mild steel ST-37, painted**  
**Bolt : D10 / D12, Mild steel ST-37, Silver**

## **4. Roof**

**Framing : Light Steel / Cold-formed Steel, Galvanized/ZincAlum AZ-100**  
**Main chords : C75x10x0.75 TCT**  
**Diagonals : C75x10x0.75 TCT**  
**Verticals : C75x10x0.75 TCT**  
**Screw : D 4.8 MM, Mild steel, A307 or equivalent**

## **5. Door and Window**

**Door Post : B60x40x1.2 mm, Mild steel ST-37, painted**  
**Door/Windows Frames : B40x40x1.2 mm, Mild steel ST-37, painted**  
**Door lock standard**  
**Door Leaves : Outer = Calciboard 6mm, Inner = Plywood 4.5 mm**  
**Windows Leaves : Glass 6mm, Standard hinges**

**6. Floor Tiles : Ceramic 30x30, ex Mulia or equivalent**

**7. Ceiling : Frame = Metal, Ceiling = Gypsum board 9mm**

**8. Wall Paint : External = Catylac/Vinilex, Internal = Catylac/Vinilex**

**9. Kitchen Table : Frame from B40x40x1.2mm, Table Top = Calciboard 6mm + Ceramic tile 30x30, Kitchen Sink : Stainless steel**

## **10. Toilet and Septic tank**

**Closet Jongkok ex Toto or KIA**  
**Septic Tank Bio-Septic Tank (0.5 - 1 M3)**

## 11. Construction Time

3 Workers per house:

Foundation	= 1 day (Flat and dry area)
Structure	= 1.5 days (no rain days)
Roof	= 1.5 days (no rain days)
Wall	= 2 days
Floor & Kitchen	= 2 days
Ceiling	= 1 days
Painting	= 2 days + (no rain days)
<b>Total</b>	<b>= 11 days x 3 workers = 33 man.days / house</b>

## 12. Unit Price (Per Dec 2014, excluded material transportation)

Material T.36	=
Instalasi T.36	=
Instalasi T.36	=
Transportation	=

### Gambar Komponen Rukom



Column K1



Beam B1, B2



Column+Door



Roof Frames



Windows



Erection

**Finished Frames in 3 days (Fast, Light, Durable and Strong)**



**Finished House in 7-10 days (Healthy, Nice, Clean and Good Thermal insulation)**



**Further Information, please contact:**

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