**Technical specs for the JJJ ( made of CCC ) :**

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| **Item name** | **Material characteristics** | **Material Grade** | **Surface Treatment** |
| Anchor bolt | Steel rod M24 , M27 | Q235B |  |
| Steel Column | H shape , Box , steel pipe , Hot rolled sheet | Q235B , Q345B | Paint or Hot dip galvanized |
| Steel Beam | H shape , steel Truss , Hot rolled sheet | Q235B , Q345B | Paint or Hot dip galvanized |
| Steel Bracing | Steel rod , Steel pipe , Angle steel | Q235B , Q345B | Paint |
| Steel Purlin | C or Z shape , steel purlin Thickness :1.8mm ~ 3.0mm | Q235B , Q345B | Hot dip galvanized |
| External wall panel , Roof panel | Sandwich panel with EPS , Rock wool , Pu , Glass wool | Steel T = 0.426 ~ 0.8mm , insulation T=50 ~ 150mm | Alu-zinc galvanized then painted |
| Door | Sliding or rolling door | Steel or Aluminum sheet , T = 1.0 ~ 1.5mm | Paint or Hot dip galvanized |
| Window | alloy-Glass , Aluminium alloy - shutter | T = 1.0 ~ 2.0mm | Alloy |
| Day-lighting panel | FRP , T = 1.5mm or T = 1.8mm | Coefficient of thermal expansion : 2.2 x 10 - 5 / cm | Light transmittance 85% |
| Ventilator | Turbine ventilator, ventilator along a slope | Steel , stainless steel , PC | Paint , 304 |
| Gutter | Galvanized Steel plate , stainless steel plate | T = 2.0mm | Paint , 304 |
| Downpipe | PVC pipe , T = 0.5mm | Φ110 , 160 , 200 |  |
| Bolt | Ordinary , high strength | 10.9S , 4.8s | Bluing for high strength bolts |