



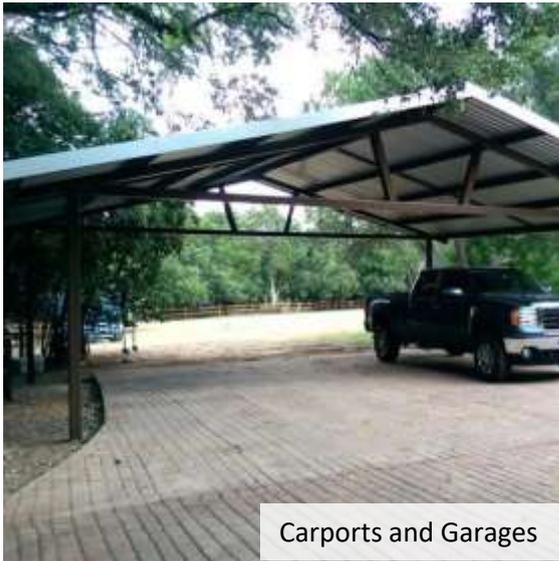
Homes



Complexes



Storage Units

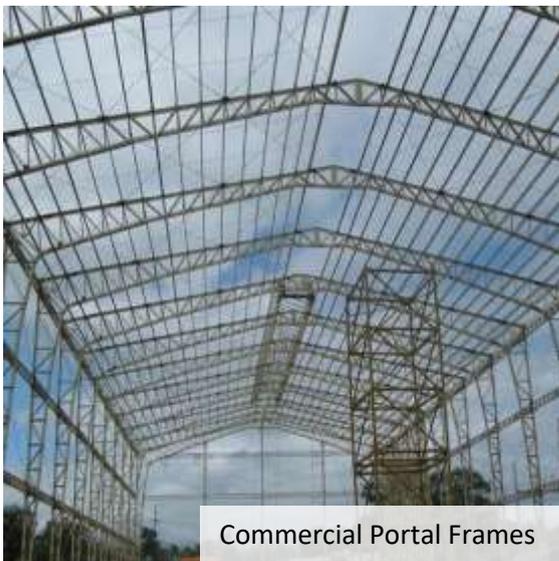


Carports and Garages



Barns and Agricultural

ZEN LIGHT GAUGE STEEL FRAME



Commercial Portal Frames

Zenith STEEL FABRICATORS LTD
DESIGN, FABRICATE & ERECT STRUCTURAL STEEL WORK
An ISO 9001:2008 Certified Company EAST AND CENTRAL AFRICA SINCE 1977

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ZEN LIGHT GAUGE STEEL FRAMEWORK

PRODUCT DESCRIPTION

This steel is cold formed, meaning long, thin sheets are guided through a series of rollers to bend and shape the sheets into strong “C” forms capable of holding heavy loads. They can be sized to conform and can be bent for architectural purposes. The Zen Light gauge steel comes in coils which are pre-galvanized with zinc for corrosion protection.

ADVANTAGES OF ZEN LIGHT GAUGE STEEL FRAMING:

1. **Easier to Work With:** Light gauge steel is easily customizable.
2. **Build Speed:** Assembling this type of steel on the build site is more straightforward than working with less predictable materials i.e timber
3. **Strong Yet Light:** Light gauge steel has the highest strength to weight ratio. In fact, steel weighs 60% less than wood. Decreasing the building material weight also makes building a foundation for the structure smaller.
4. **Durability:** Galvanized steel resists decay and corrosion. Unlike wood, steel will not warp, crack, swell, or shrink. Steel will never rot. It is not susceptible to mould or mildew.
5. **Remodelling Ease:** The walls attached to steel framing are often easy to remove. As long as load-bearing parts aren't removed, nearly any part of the structure can be changed.
6. **Its Flexibility:** The high strength to weight ratio allows longer spans without columns, allowing more design possibilities.
7. **Material Costs:** Light gauge steel is also impervious to the dramatic fluctuations of the lumber industry. Due to shortages, wood often experiences sharp price increases.
8. **Environmentally Friendly:** steel materials are completely recyclable.
9. **Non-Combustible:** Of course, steel does melt at a very high temperature, but it is still considered noncombustible. It will not ignite,
10. **Its Resistance:** As well as being resistant to fire, rot, mould, and mildew, steel is also resistant to insect damage. All

