



Article Side

Steel buildings or steel framed buildings are growing famous in big cities by [Steve Hops](#)

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Technology has advanced immensely in the modern days and has completely revolved the entire scenario. One of the contributions of this is the construction of steel buildings. Generally buildings are constructed in huge scale with the help of building materials like stones, bricks, cement etc. But when the attire of the building is constructed with steel, it is called a steel building. These steel buildings are also called or termed as steel framed buildings because it is framed with steel which makes it look beautiful and makes it rock solid. Steel buildings are very frequently seen in western countries and various putative companies construct it for their popularity and brand value.

Usually galvanized steel plates are used to apply in the exterior of huge multi storied buildings. Steel sheaths of various shapes like C or U are utilized in steel buildings. Different dimensions of steel plates are used to decorate the exterior walls. It adds new fashion to the modern steel framed buildings and also acts as a sign of reputation. They are usually used for commercial buildings. Sometimes they are coated to prevent oxidation due to contact with moisture. The base material for this purpose is light gauge steel which provides flexibility in designs. There is also provision for windows and for this, rectangular pieces of steel are be used.

Not only is the making of steel framed buildings a new trend in the world but it has also many advantages. One specific advantage is that it has been currently known that these steel framed buildings provide thermal comfort. Steel buildings are great for places with cold climate since it provides heat and does not allow much cold inside. But in the case of tropical and equatorial climatic regions steel buildings may not be a good option since it may make the entire building hot and may cause discomfort. Though researches are going on to minimize and subside this effect till now no solution has been found for this.

The steel framed buildings are very good in structural behaviour too. But there is a great doubt with the electrical efficiency of steel buildings and also how it will respond to fire system. So till now the constructions which are made all over the world have taken special care to provide the best electrical system and circuitry. They have also provided efficient and powerful fire systems to prevent any mishap and accidents.

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[Steve Hops](#) - About Author:

Steve hops is a content writer on a [steel framed buildings](#). He keeps good knowledge on the a [steel buildings](#). For more information he always recommends you to a <http://www.omegasteelbuildingsolutions.co.uk/>

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