

## Eco Home Construction

Eco Home Construction Eco Home is a rating that environmentally friendly homes receive. Your home is eligible for an Eco Home rating if it meets certain terms and conditions. To be rated as a Eco Home, your home needs to be Green home. Eco Homes are not difficult to build. In fact, with a drastic increase in the demand for Green houses, there are several construction companies that have taken to building homes that are in accordance with the conditions laid down by BREEAM and organizations like BREEAM that give Eco Home ratings. There are several ways in which you can build your own Green Home. However, there are particular aspects that you would have to keep in mind while building your home, so as to get it rated as an Eco Home.

**Aspects of Eco Home Construction** For the purpose of constructing an Eco Home, you could contact any of the firm and rely on the expertise that is thus provided. However, it is important that you approve on a design that is not only beautiful but also economically and financially feasible for you. An eco-housing does not necessarily have to be as huge as mansion, in fact, the smaller the house the lesser the energy consumption. You must also focus on choosing the right kind of location for your Eco Home. The most important factor in any Eco Home construction is maintaining the perfect balance between the environment and your home. There are four factors that you need to consider when constructing an Eco Home. These factors include:

- Positioning your house and designing it in a manner so that you can make maximum use of solar energy. Besides this, the position of your home would also determine the amount of solar energy that your house receives. It is not enough to use solar panels; you must thus focus on positioning the windows and doors of your home in such a way that your house receives enough sunlight and solar energy.
- Apart from this, the structure of your house is of equal importance. Here you must also pay enough attention on the kinds of materials that are used to build the roof and the walls. The passiveness of your home is determined by the type of insulating material that is used for construction and its levels. If you wish for your house to accomplish a passive status, you must ensure that all the cold bridges in the house are well sealed and that your house is well ventilated. Besides this, according to the Eco Homes condition, the heat requirement of your home must not be more than 15 watts per square meter.

You could also think of revolutionary ways to build your eco Home. For instance you could make use of straw instead of some other insulating material. This might sound a little too old fashioned, but this technique has been used to build several Eco Homes and is quite reliable. You should also focus on maintaining a right balance between energy and the technology that is used in your home. You could also choose to get some professional help from architects or firms who have built eco homes in the past, for some revolutionary and unique ideas.