

Prefabs Sprout...

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Company News



Green prefabricated homes take advantage of the construction system to maximize sustainability. Because they are built in a factory manufactures can control the construction process, meaning that there is less material waste because there can be high precision in the planning and use.

Green materials that are usually hard to find can be bought in bulk and used on multiple jobs, which means that there are no shortcuts due to material unavailability. Once these sections are complete there is only the delivery of the sections, rather than separate deliveries for every material, to the site, and this reduces potential pollution from transportation as well as creating less site disturbance during construction.

Because the prefab home comes to the site in sections there is no need for stockpiles of materials or staging areas on the construction site. In most cases the only site areas that need to be disturbed are the footprint and a drive for the delivery and placing of the sections.

The Benefits of Prefabricated Homes

---The benefits of prefabricated homes versus traditional homes include improved energy efficiency, reduced

environmental impacts, reduction in- resources, faster construction, and potential cost- savings.

---By reducing the energy consumption of homes, CO2 from power generation is reduced. Material use-is also reduced using prefabricated panels and- components. When a component is made in the- factory, the process can be optimised to reduce and use offcuts as well as recycle unused material.-

---Prefabricated homes use fewer resources such as labour and equipment when compared to traditional- buildings. Since assembly at the site is minimal, -fewer workers are needed.-

---The equipment is also reduced since the home is either delivered in a few sections or as panel assemblies with the holes for- windows and doors already pre-cut.

Construction times of prefabricated homes can vary immensely. For a completely prefabricated- home it may only a couple of days to finish the home- once it is delivered. For a home using SIPS (Structural Insulated Panels) the-wall and roof assemblies take less than two weeks, compared to three weeks for a traditional home. The cost of a prefabricated home can cost more or less than a traditional-home, but since there are so many options for- prefabricated homes, you can choose high-end custom- home or something more standard to save money.-

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