



BAMBOO – A SUSTAINABLE SOLUTION IN BUILDING AND HOME DECOR

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Nowadays, the use of wood as a material for interior design has been widely discussed as a major issue by environmentalists. Even if it looks cosy and expensive in your decor, it is most certainly not the best way to proclaim your eco-friendliness. What would be a better solution in this case?

While ecologically sound interior design is becoming a major focus of interior design discipline, the regularity with which design professionals end up making sustainable alternatives in practice remains low, particularly when it comes to selection of materials. The studies would like to emphasise bamboo in greener interior decoration because it can easily be used in place of all known wood implementations and also has most of the characteristics of wooden items. For example, to construct a 2,400-square-foot house from the initial concept, approximately 16,000 board feet of framing lumber and approximately 14,000 square feet of many other wood product lines, such as plywood, plasterboard or wood structural members. Now, could you consider how many trees you could save just by not installing a wooden floor? Bamboo is a fast-growing grass that requires no replanting after cultivation. It can grow between 70 and 450 millimetres per day and matures in 3 to 5 years. Its culture is largely spread in African countries such as Ghana, Nigeria, and Cameroon, as well as in China, India, and Japan.

Bamboo is used extensively in the construction, furniture, paper, textile, pharmaceutical, and goods industries. In terms of its durability, it is subjected to a process of steaming and drying. This process can result in a finished product which is up to three times stronger than any wood product and ideal for residential and commercial use in both indoor and outdoor environments. According to Grand View Research, the worldwide bamboos market was worth USD 53.28 billion in 2020 and is estimated to grow at a 5.7 percent compound annual growth rate from 2021 to 2028.

As bamboo is believed to help reduce environmental deficiencies in the UK's highly developed construction sector, could it be planted here? The brief appropriate response, according to Scottish Bamboo nursery in Aberdeenshire, is technically yes. Even so, the explanation this bamboo plant can be grown this tall and extensive is due to the climatic condition in Asia which is ideal for fast-growing trees that require a huge amount of water. Despite the fact that the bamboo may be a drought-tolerant plant in general, it requires a lot of water and sunlight to expand quickly enough for consumer market production. Despite its Asian and African origins, bamboo has the potential to become a significant raw material globally; this fact could significantly reduce the amount of wood harvested for construction and furniture purposes. Additionally, bamboo can be an ideal material for interiors and manufacturing due to its adaptability to any styling.

