

Steve Vardaman Reveals The Greenest Construction Materials

TAMPA , FLORIDA, UNITED STATES, May 31, 2018 /EINPresswire.com/ -- More and more people are considering sustainability to be of great value. Indeed, this is shown in the popularity of the electric vehicle, sustainable technologies for home energy, an increase in recycling, and more. As a construction expert, Steve Vardaman has also noticed that sustainability is a hot topic for new home builds. People, whether they purchase a home that is part of a real estate development or want to build their own, unique, dream home, now want sustainable materials to be included wherever possible.

However, anyone who is thinking of building a property that is eco-friendly may feel that it is almost impossible to do so. This is because the resources used during construction are usually not eco-friendly and the carbon emissions associated with the construction work itself are huge. It is certainly true that it is impossible to construct a home without having some ecological impact. However, Steve Vardaman has seen an increasing number of construction companies that adopt green practices, which means their carbon emissions are far lower than those for traditional methods. Furthermore, it is possible to choose more sustainable materials, which can turn a property into a highly environmentally friendly one.

1. Bamboo

This beautiful type of wood is one of the most eco-friendly available on the planet. It can be used for many different construction jobs as well. In fact, the entire house could be made from bamboo, which has already been done in China. Others prefer to use it for different aspects of the home. Bamboo is strong, durable, and beautiful. It also helps save impoverished villages from floods while providing employment opportunities and it is one of the best plants to help with photosynthesis. This means it is the most sustainable type of wood. It also grows incredibly rapidly, meaning that there are no concerns about deforestation, and it can grow anywhere in the world, thereby reducing carbon emissions during transport.

2. Reclaimed Timber

If you want to construct a home using a lot of wood and timber, then it is important to opt for reclaimed materials. By avoiding freshly felled wood, you help to fight against deforestation. Using freshly felled wood is environmentally unfriendly and should be avoided at all times. Reclaimed wood, on the other hand, is wood that has already been used in other structures and is now ready to be used again. Basically, it means that you choose to use recycled wood instead.

3. Recycled Metal

One of the worst environmental damages on the planet has been caused by the mining industry. The result was that global natural habitats have been disturbed, soils have been contaminated, and sinkholes are appearing everywhere. Thankfully, the majority of metals can be used again and again, which means you don't have to cause further damage. Copper, aluminum, and iron can all be recycled and they have already been mined in abundance, which means that it is possible to stop

further environmental damage by the mining industry.

4. Dimension Stone

Dimension stone is a very exciting natural material that can be used in construction and it is quite easy to source it. It is far more environmentally friendly than plastics, glass, and many metals as it does not pollute the environment. One of the reasons why it is environment-friendly is because it does not require a lot of resources for it to be made. Additionally, it can be further reclaimed and recycled, which would be the best building option of all.

5. Sheep's Wool

Last but not least, all properties should be insulated if they are to be sustainable, as this means that less energy has to be used to heat and cool the home. One of the best materials for insulation in terms of eco-friendliness is sheep's wool. It is 100% natural and 100% sustainable as sheep are sheared rather than killed for their wool as would be the case with a material like leather. Not just that, in terms of insulation rating, it is actually higher than many of the common synthetic options on the market today. For instance, glass wool cellulose is much less thick than sheep's wool. Additionally, the energy used to manufacture sheep's wool is far lower than mineral wool insulation.

Steve Vardaman believes that everybody should be committed to building homes that are as eco-friendly as possible. Homeowners should ensure that existing properties are properly insulated and, wherever possible, use sustainable energy sources for their power needs. New constructions should use the above materials as much as possible. Every small step helps in the overall sustainability of the planet, ensuring that future generations will have somewhere to live.

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