

ArchiBlox: Ecological prefabricated houses

In Australia, the prefab green house phenomenon is gaining momentum. The ArchiBlox firm offers a powerful alternative to the traditional construction system, with modern, sustainable design homes at an AFFORD _____ price. One of these homes is the Carbon Positive 01



model, which was exhibited in Melbourne's City Square. According to its manufacturer, it is a house that is qualified to receive a Platinum certification by the eTool (specialized consultants who issue a sustainable assessment, based on the analysis of the life cycle of a BUILD _____).

ArchiBlox uses a modular approach to rapidly produce sophisticated, innovatively designed homes. They



are buildings that reach the point of 'carbon positive' thanks to a double strategy. On the one hand, the energy required for its CONSTRUCT _____ is greatly reduced, and on the other, a positive energy PRODUCE _____ is maintained during its lifetime. This means that during its useful life, one of these Carbon Positive Houses is able to avoid the EMIT _____ into the

atmosphere of 1,016 tons of CO₂. That is equivalent to the planting of 6,095 trees. One of the first advantages that the user of these homes will notice will be the REDUCE _____ in the electricity bill. Mainly because the consumption in heating and cooling is greatly reduced. This is achieved with a geothermal air conditioning installation, and the use of a highly insulated and hermetic envelope (thermopanel windows). You can also add some optional elements, such as the roof garden, walls with

vegetation, and the recycling of gray water. In addition, a passive SUN _____ design has been considered, with a space (sunroom) that acts as a winter garden. That is, it captures solar HOT _____ and distributes it to the rest of the house during the colder months. In summer it works in reverse, blocking solar radiation. All ArchiBlox prefabricated ecological houses have solar energy installation (thermal and photovoltaic), They are built with materials of SUSTAIN _____ origin, devoid of volatile organic compounds.

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I.- Are these sentences True (T) or False (F)?

- a.- ArchiBlock builds ecological houses at an affordable cost.
- b.- Houses built by ArchiBlock reduce CO2 emissions by reducing it while the house is built.
- c.- House owners pay less electricity because the houses have geothermal installation.
- d.- The only renewable energy that the ArchiBlock houses have is solar energy.

II.- Complete the text with the correct form of the words in brackets

III.- There are words that tend to go together. These are called collocations in English. Match the words that collocate. You can find them in the text.

Organic	compound
Affordable	design
Solar	economy
Renewable	energy
Green	house
Prefabricated	installation
Innovative	price
Landscaped	product
Sustainable	radiation
Organic	roof