



Concrete trumps wood with eco-efficiency

If you are eager to build a new home with respect for the environment, ask for a structure made of concrete.

As compared to wood, concrete is now the preferred building material all across North America for many reasons, not the least of which is energy efficiency. The latest building advancement is reported to provide double the insulation by constructing walls with pre-assembled concrete forms.

This innovation (consisting of Lego-like blocks of reinforced concrete sandwiched between two layers of polystyrene) cuts down construction time significantly and is recognized for flexibility in design, for less waste materials, and it virtually eliminates the toxic emissions produced by buildings structured with wood.

Hailed as an award-winning Canadian contribution to 'green' construction technology, this building system is now used for the construction of better homes, schools, hospitals, condominiums, hotels, and offices throughout the country and in the United States.

Homeowners save money due to durability and energy efficiency – and the resulting structure is reported to be up to nine times stronger, with far more fire protection, far more sound insulation, and with a potential to reduce energy costs of up to 70 percent.

Source - News Canada