

Eco-friendly home offers major cost savings

An eco-friendly housing option produced by building company Alternative Living is now available to homebuyers in Seville Grove.

The 100 per cent Australian-owned company opened its first show house to the public on September 10.

General manager Andy Arundel said the design was aimed at people who could appreciate that passive solar design was a better way to live.

"This design was released to fill an absence in the market of creative passive solar designs available as an alternative affordable package," he said.

Mr Arundel said some windows in the house featured north elevation with matching solar pergolas that would let in 100 per cent sun in winter and no sun at all in summer.

"A window with south elevation optimises cross-ventilation for additional summer cooling," he added.

"Other design features include thermal mass to stabilise temperature, which is provided by a concrete slab and also raised raking ceilings."

Water saving techniques were also vital to the design.

"The house uses rainwater harvesting with a tank that supplies rainwater to toilets and the home's washing machine," Mr Arundel said.

"It also has grey water recycling which involves used water from showers and



washing machines distributed into sub-surface irrigation.

"Foam core sandwich panels are used for the roof structure, creating R4.0 high insulation.

"In addition we included compact fluorescent down lights with very low energy use.

"Our buildings can be transported to

areas where onsite building costs are high or where builders and labour are unavailable or have a long lead time.

"They are priced competitively in the Perth market so that they are a viable option built locally or transported to country properties."

Homebuyers could be in their new home four months after purchase.

With a focus on solar passive techniques Alternative Living's new house design in Seville Grove is at the forefront of the eco-friendly housing revolution.

For an alternative housing product visit the house at 72 Verdant Circle, Seville Grove or call Alternative Living on 6270 4050.