

Iron Matrix Steel Building Structure, 6M Sea Container and 2005 Holden XC Tigra Convertible Online Auction

Maddington WA 6107

Ends 6.30pm Thursday 28th March 2024

Auction Information

The Iron Matrix Building Structure was purchased in kit form in 2021 At a cost of \$30,000

The dimensions of the building structure is Approx L8030 X W3900 x H2900mm and consists of:

- Galvanised Steel 100 x 100 x 3mm RHS Bolt Together Modular Frame
- Approx 20 x 360W Solar Panels (Approx 1956 x 992 x 40mm) to form the external walls of the building (not installed) and framework (Approx 37 x Assorted sizes)
- 1 x Double Glazed Glass Sliding Door (Approx 900 x 2090mm) and Frame (Approx 1960 x 3000mm)
- 5 x Double Glazed Fixed Windows in Galvanised Frame (Approx 1960 x 990mm)
- Approx 21 x Composite Tongue and Groove Flooring (Approx 1700 x 1020 x 35mm) and qty of offcuts
- Approx 40 x Timber Floor Joists with Brackets (Approx 1800 x 200 x 50mm)
- Approx 32 Treated Pine Sleepers (Approx 1800 x 200 x 50mm)
- Qty of Assorted Conduit, Fittings and Fixings
- 13 x Assorted 2100 x 100mm Cool Room Panels (lengths 10 x 2710, 1 x 2620, 2 x 3450mm)
- Small Qty of Floor/Wall Tiles

The intended purpose of the structure was to be used as a Granny Flat. Shire approval was granted in 2021 however due to a change in circumstances the construction of the building will not proceed.

The modular structure can be changed to suite your needs and can be used for many applications including Accommodation/ Carport/Garage/ Storage.

The steel structure is currently erected on site and will need to be removed by the purchaser. The structure is bolted together except for an additional steel brace section that has been welded to one side of the top beams (required for planning approval). The structure can be easily removed by 2 people in one day. The footings consist of a steel base plate bolted to in ground footings.

Note that 5 x posts of the building are missing.

The solar panels are designed to be secured to the outside of the structure via framework to form the external walls. These could easily be replaced by Colourbond sheeting or similar.

The cool room panels were purchased separately with the possible intention of using them for either the internal walls or roofing.

A small quantity of tiles are also included as part of the building structure.

Please note the following important Conditions of sale:

- The building structure and assorted items as listed are to be sold in “As Is Where Is” condition
- All information listed and photos provided are to be used as a guide only and it is the responsibility of the purchaser to ensure they inspect all items to ensure the accuracy of the information provided
- The purchaser must remove the building structure by 4pm Wednesday 10th April. Failure to do so will result in a late removal fee of \$1000 per week. The purchaser will also be required to provide written details as to how they intend to remove the structure to ensure it is done in a safe manner and compliant with all OHS requirements

Also included in this auction is:

6M Sea Container

2005 Holden XC Tigra Convertible

About Iron Matrix

Iron Matrix is an innovative construction technology that replaces traditional cladding and roofing materials with standard solar panels to create structures that can generate and store energy cheaper than fossil fuels. Patented modular steel frames are built from just two repeating structural steel parts, specifically designed to be made from local materials, manufactured by robots and flat-packed into shipping containers. As few as two people can build multi-story buildings by hand without cranes, scaffolding or earth works on any range of challenged, remote or environmentally sensitive sites. Structures can be easily expanded, reconfigured and relocated at any time. The hollow steel parts store excess energy generated in a thermal water system at half the cost of batteries. The combination of low energy manufacturing and assembly, lower cost storage and zero incremental cost electricity generation means Iron Matrix structures can displace traditional carbon-based energy