

CASE STUDY

Re-locatable Housing

East Timor Reconstruction

DURRA™

Low cost housing in East Timor is a necessity and with innovative Durra Panel, Ortech Industries was able to build houses 36m² in size in less than one week. Ortech provided on-site supervision, training, support and backup for the project.

Construction of the houses was simple and practical and, most importantly, readily adaptable to existing building practice/trades in East Timor. In conjunction with East Timorese Government authorities, Ortech Industries has developed a number of housing floor plans suitable for low cost housing for local communities.

The Durra Building Systems may be adapted to many different types of foundation systems, including slab on ground, concrete plinth, timber/steel foundation, and above-ground stilt type construction. A steel foundation is shown in the picture below.

Six complete emergency housing kits, (like the one illustrated below) can be packaged into one 40' container for shipment directly to project sites. The completed housing units are aesthetically pleasing, fire resistant, with high levels of both noise and thermal insulation qualities.

Durra Building Kits can be engineered to suit a variety of structures including:

- ***Low cost Housing***
- ***Remote Location Structures/Housing***
- ***Emergency Housing***
- ***Field Hospitals***
- ***School Buildings***
- ***Shelters***
- ***Multi-purpose Buildings***



Building System

- Durra Building Kit
- *Re-locatable Housing/Buildings*

Project Feature

- Two Bedroom; 36m² floor area
- External; 25mm cement rendered finish
- Colorbond Roof

Benefits

- Pre-cut and delivered to site
- High thermal Insulation
- High acoustic performance
- Fire resistant
- Impact resistant
- Environmentally friendly
- Simple assembly



Durra is a Registered Trademark of Ortech Industries.

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