

## CASE STUDY

# Durra Lifting Frame

# DURRA™

### *Winner of the 2006 Design Build Australia Innovation Award*

The Durra Lifting Frame is a unique installation system, developed to save time, cost, and improve the safety of workers on site.

Developed by Ortech Industries, the Durra Lifting Frame system has been at the forefront of ceiling system installation on commercial and industrial building sites in Australia and overseas. Large construction companies have been attracted to it due to increased site safety, ease of use, and valuable time saving efficiencies.

The Durra Building System comprises; Durra Panels, Durra High Span Purlins and Durra Tee Unit Bridging. These components are assembled at ground level into nominal 100m<sup>2</sup> modules. This system can be applied to both ceiling and wall applications.

The Durra Lifting Frame is connected to the completed module with scissor connectors to each purlin on the lifting frame. An optional safety handrail is installed to enhance worker safety at height.

The on-site crane picks the completed module up and then places the module into the designated location. The unit is lowered into place and then fixed to the steel structure. Ortech Ceiling Systems are safely trafficable once modules are securely bolted to the steel structure. Fast installation of a ceiling system allows the fast flow of trades below, enhancing the installation process.



#### Installation System

- Durra Lifting Frame

#### Benefits

- Enhanced worker safety
- Compressed build time
- Reduced construction costs
- Installs Ceiling & Wall Systems

#### Projects - Using the Lifting Frame

- Vodafone Arena
- Hilton Hotel
- Australian Synchrotron
- Brisbane Airport
- Vector Arena, Auckland
- Princeton University, USA
- Melbourne Convention Centre
- Darwin Convention Centre
- Gold Coast Convention Centre
- Acoustic Building Enclosure



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