



PELAGO WEST APARTMENTS CHARGING AHEAD

MAIN CONSTRUCTION COMPANY : Hanssen
DEVELOPER : Finbar
PROJECT END VALUE : \$50 Million
COMPLETION : May 2012



The Pelago West development will provide modern accommodation for the growing region of Pilbara. Pelago West is ideally situated just moments from the emerging business and entertainment district which will soon include a new shopping precinct, cafes, restaurants, nightclubs and cinemas.

Pelago West features eight levels and includes one, two and three bedroom apartments along with several commercial lots. The development is three times higher than anything previously built in Karratha. The development overlooks the picturesque waters of Nickol Bay and the Burrup Peninsula and provides luxurious living apartments with security and amenities.

Finbar Group Limited and builder, Hanssen Pty Ltd, opted for the use of a BubbleDeck precast concrete floor system. BubbleDeck makes floor slabs lighter and stronger by incorporating large, hollow plastic balls in steel lattice. BubbleDeck floors eliminate up to 35 percent of concrete from suspended slabs and with no formwork, no beams and rapid coverage, BubbleDeck produces floor cycles much faster than traditional construction methods. Hanssen Pty Ltd has a successful history working with the BubbleDeck system.

As the cyclonic wind loadings for this building are the greatest of any in Australia for an apartment block of this height, Hanssen Pty Ltd designed and tested all windows and glass vigorously. Capral supplied all the aluminium sections and Modern Glass provided the glass. Accordingly, these windows and sliding doors are stronger than anything previously used within Australia.

In accordance with Pilbara's harsh climate, the Pelago West apartments are designed to achieve an average Six-Star Energy Rating. The external walls are a combination of concrete and lightweight prefabricated panels.

Dehumidified air is continually supplied to all units eliminating possible condensation. The gardens around the pool deck and street verges are landscaped and reticulated using recycled grey water.

All external stairs and landings have slip-resistant ceramic floor tiles and the decks and courtyards have a combination of slip-resistant ceramic floor tiles and synthetic lawns.

Hanssen Pty Ltd used Jet fans for the carpark exhaust. This was one of the first major projects within Western Australia to use this technology.

The Karratha region offers residents an option to look for employment with some of the biggest resource companies in Australia including Rio Tinto, Woodside and Chevron. Rio Tinto's Pilbara iron ore operations include 13 mines, three shipping terminals and a rail network of almost 1400km. Chevron's Gorgon project is one of the world's largest natural gas projects and the largest single resource natural gas project in Australia's history.

Karratha Airport is Western Australia's busiest regional airport and is being upgraded to cater for international flights and even more domestic routes will be added to the existing flight schedule.

Hanssen has been operating since 1993 and has constructed in excess of 1600 units in Western Australia.

HANSSEN PROJECT MANAGEMENT

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The Elegant and Safe alternative

Sandbags are a vital part of keeping temporary and portable road traffic signs stable and are meant to be safe in all weather conditions. They are usually designed for adding weight and providing stability and come in Hessian and polypropylene, which gets dirty and deteriorate over time allowing them to become saturated and heavier than need be. Sandbags are also cumbersome to handle and carry. Often they need to be filled or refilled when broken and they give the place the gloomy look of a warzone.

Plastic Solutions Australia has identified a need and designed a built-for-purpose modern and elegant, price-competitive and durable alternative – the Wate Mate! Wate Mates are the simple one-stop safety weight for signs, café barriers, banner stands, umbrellas, tents/marquees, roadwork signage and a range of other applications.

Key Wate Mate features

- The Wate Mate has a highly visible (and cheerful) yellow design – primarily for safety and with the added benefit of easy identification in all light and weather conditions.
- The Wate Mate safety feature reduces workplace incidences, saving operational costs.
- Each unit weighs only 6kgs – carry without comprising workplace safety practices.
- Wate Mate is easy to use because it's made-for-purpose.

Other Great Wate Mate features

- The Wate Mate is stackable for safe transporting and minimised storage requirements.
- Replaces unsightly, cumbersome sandbags and are so simple to install.
- Wate Mate is sold in batches – 144 per pallet
- The Wate Mate comes ready to use filled with grout.
- It is a low cost alternative to sandbags.
- Wate Mate gives minimum 150mm clearance from the road to the bottom of the sign.

Contact Plastic Solutions Australia

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PROTECTION PLUS

The Pelago West Apartments are a modern and luxurious residential and commercial development located in Karratha. The project features a combination of one, two and three bedroom apartments spread over eight floors.

Architecturally designed and offering resort style facilities, the Pelago West Apartments are set to cater for the regions growing population.

allrid Pest Management delivered the termite protection system to the Pelago West Apartments project. With the use of a dedicated pre treat tanker, allrid was able to provide a timely service in line with the requirements of the project.

allrid Pest Management has delivered termite protection services for all leading builders in the Pilbara region. The company has over 35 years experience in the Pilbara and has earned a reputation as the region's leading pest management provider. allrid are also accredited

installers of Termguard reticulation systems and Homeguard Precision termite systems.

allrid Pest Management provides a personalised approach which is tailored to suit individual project needs. Their specialised and modern equipment coupled with dedicated technicians means allrid can provide a reliable and professional service for projects of any size.

As a supplier of choice, allrid stays abreast of new advancements in pest management to ensure clients receive expert advice and the latest in product development.

Call allrid Pest Management today on 08 9140 1060 to discuss their range of services for your next project.

allrid PEST MANAGEMENT
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