

# Olympic Athletes Village



## The Steel Solutions

Three hundred and fifty modular homes at the village roofed in corrugated sheeting made from Gull Grey COLORBOND® pre-painted steel helped accommodate about 15,000 athletes and officials during the games.

Temporary additions to permanent housing at the Athletes' Village in roof sheeting made from ZINCALUME® zinc/aluminum alloy-coated steel and walling made from COLORBOND® pre-painted steel provided additional athlete accommodation.



The Olympic Athletes' Village, in keeping with Sydney's aim to deliver the 'Green Games', has achieved international recognition as an environmental landmark for energy efficient housing.



# Facts and Features

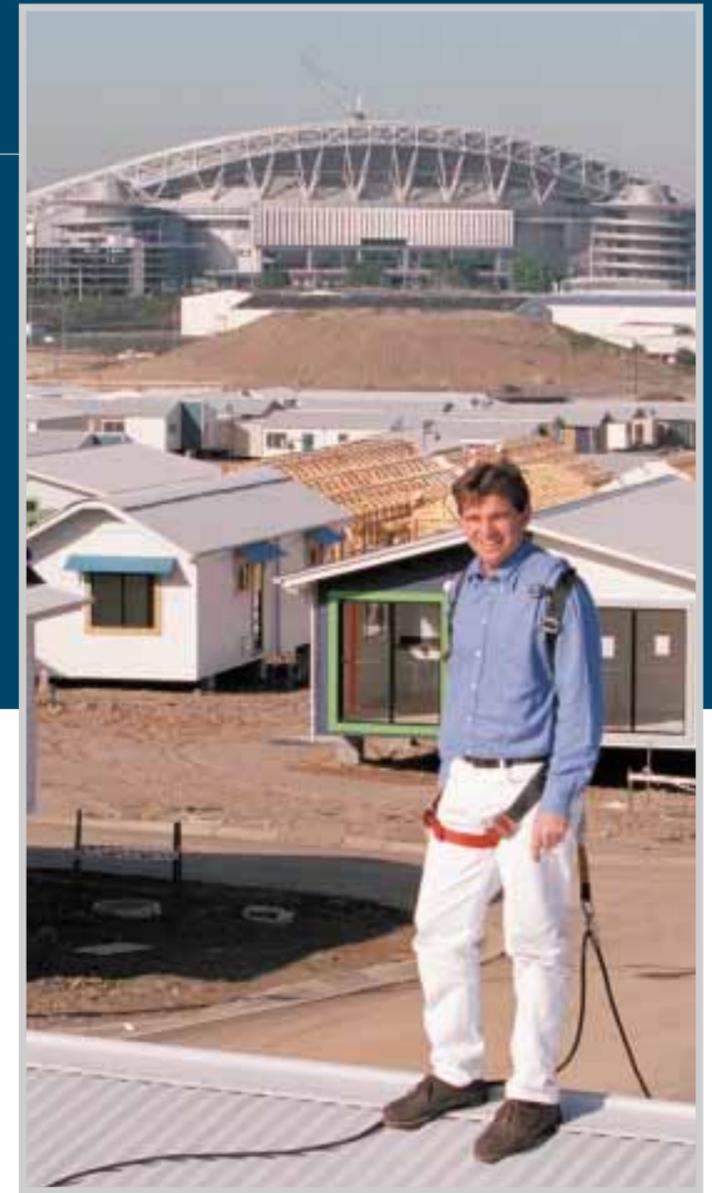
After providing accommodation for 15,300 athletes in 513 permanent homes, 329 modular homes and 355 apartments, the developers, Mirvac Lend Lease Village Consortium, transformed the site of the Athletes' Village into the new suburb of Newington.

The modular homes which all featured corrugated steel roofing made from COLORBOND® prepainted steel, have since been sold and relocated, making way for Mirvac Lend Lease Village Consortium to continue developing Newington, formerly a naval armaments depot on the site.

Most of the modular homes were also constructed on a chassis manufactured from BHP ZINC HI-TEN galvanized steel. Ultimately the suburb will have more than 2,000 permanent courtyard homes and apartments, townhouses and units, built and sold over a 10 year period. Some of these homes also feature steel roofing made from COLORBOND® steel. The housing will occupy a 90-hectare site, making it the world's largest solar-powered community. The consortium says the permanent homes at Newington will result in energy demand being 50 percent less than in a standard home.

# Figures

Some 15,000 athletes and officials occupied the housing at the Village during the Olympic Games. The permanent homes and apartments in the Athletes' Village now form part of the new suburb of Newington, one of the world's largest solar-powered communities and a blueprint for future urban development. Environmental initiatives include rooftop photovoltaic cells on the permanent homes which generate enough energy to meet the average household need, and five-star energy efficient appliances. It is estimated the permanent homes will consume about half the non-renewable energy of an average project home.



courtesy of the Olympic Coordination Authority

## Project Details

- Client** Olympic Co-ordination Authority
- Developer** Mirvac Lend Lease Village Consortium p (02) 9741 0200
- Size** 90 hectares
- Cost** \$470 million

## Featured Steel Products

- Roofing Modular** - COLORBOND® prepainted steel in Gull Grey rollformed into LYSAGHT CUSTOM ORB®; **Temporary additions on permanent homes** - BHP ZINCALUME® zinc/aluminium alloy-coated steel in LYSAGHT TRIMDEK® profile sheeting.
- Wall cladding** Temporary additions on permanent homes - COLORBOND® prepainted steel in Mesa profile.

