

Gold Coast

COMMONWEALTH GAMES ATHLETES' VILLAGE





The Parklands Project in the Gold Coast (Australia) was transformed into the athletes' village for the 2018 Gold Coast Commonwealth Games. It accommodated 6,600 athletes and team officials during the Games.



A COLORFUL VILLAGE FOR THE ATHLETES OF THE COMMONWEALTH GAMES COMPLETED WITH MAPEI PRODUCTS ON THE GOLD COAST

The Parklands Project in the Gold Coast (Queensland, Australia) incorporates seven hectares of residential and retail precincts and over seven hectares of green and open spaces, including a community park and extensive landscaped areas. The project features 1,252 permanent dwellings, comprising 1,170 one and two bedroom apartments and 82 three bedroom townhouses over 18 buildings and a village heart that connects the master planned development.

In late 2017 the site was leased to the Gold Coast 2018 Organising Committee (GOLDOC) and was transformed into the athletes' village for the 2018 Gold Coast Commonwealth Games. During the Games, the Village accommodated 6,600 athletes and team officials. Construction commenced in late 2015 and the project was completed in late 2017.

After the Games, the Parklands Project provides a range of housing options, retail businesses, services and community infrastructure for those working in, studying at and visiting the Gold Coast Health and Knowledge Precinct.

A SPLASH OF COLOUR

The over 6,000 athletes that entered the 2018 Commonwealth Games village near Southport followed the purple brick road to the entrance – through a screening process similar to an airport – then to their accreditation centre before locating their rooms in one of six residential zones.

And this was where the real splash of colour comes into play. The 2018 Commonwealth Games Village is just colour everywhere; with splashes of primary reds and yellows washed with bright swashes of green, purple and blue. The 29 hectare site just screams Queensland in the very nicest way, with the residential villages called Rainforest, Reef, Outback, Beach, Surf and Sunset.

The balconies overlook the Games Village, which just oozes holiday at the Gold Coast. There is an international food hall, gymnasium and athlete recovery rooms, a poly-clinic that



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covers everything from optometry to pregnancies to accidental injuries, saunas and ice baths, weight rooms, special services for wheelchair athletes and people with prosthetics and a drug-testing centre completing both drug and blood tests.

The athlete's gymnasium is one of the nicest features in the Village Heart, which includes a pool, a white sculpture that looks like an upturned molar, a vertical fountain and a piano in a pop art scene that could have come from London's swinging '60s. In fact, it is a useable sculpture modelled on the Natural Arch in the nearby Numinbah Valley behind the Gold Coast where water drips down the limestone and glow worms appear at night.

There are four pools and a big open space area called The Backyard. It also encompasses a running and walking track with brilliant landscaping. There is also a sculpture called Medal Blooms with 275 small golden "flowers" where the name of every gold medal-winning athlete will be engraved on its face.

MAPEI PRODUCTS AT WORK

Soundproofing of the apartment floors was an essential part of the interior fitout of each unit to ensure that all athletes were provided with a quiet area for relaxation as well as sufficient soundproofing for future tenants.

The acoustic matting was installed using ULTRABOND ECO V4 SP, an acrylic polymer adhesive which is ideal for the fast and safe installation of resilient floors.

ULTRAMASTIC III, ready-to-use paste adhesive with no verti-

PHOTO 1.

ULTRABOND ECO V4 SP and ULTRAMASTIC III adhesives were used in the apartments for the athletes.

PHOTO 2.

In the wet areas screeds were fixed to the substrate using PLANICRETE SP, latex additive mixed with cement and sand. KERAFLEX cementitious adhesive was used for installing the white ceramic tiles on both walls and floors. Joints were grouted using KERAPOXY.

PHOTOS 3 AND 4.

The substrates of the swimming pools and water tanks of the village were waterproofed with MAPELASTIC SMART.



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cal slip and extended open time, was used for installing the mosaics.

KERAQUICK deformable, rapid-setting and hydrating, non-slip cementitious adhesive with extended workability was chosen for bonding the floor tiles in the common areas to allow early traffic for other trades to work.

All tile joints were grouted using KERACOLOR FF polymer-modified, water-repellent, cementitious grout on the floors while ULTRACOLOR PLUS anti-efflorescence, quick-setting and drying polymer-modified grout was used on the walls.



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IN THE SPOTLIGHT

MAPELASTIC SMART

It is a two-component, high-flexibility cementitious mortar (with crack-bridging capacity > 2 mm) applied by trowel or roller. MAPELASTIC SMART is used for waterproofing hydraulic projects such as channels, dams, swimming pools, basins, storage tanks, etc. and balconies and terraces. Particularly suitable for waterproofing irregular surfaces, it is also used to protect concrete structures, renders with hairline cracks and cementitious surfaces in general which, being subject to vibrations, may suffer from cracking.



TECHNICAL DATA

Commonwealth Games Athletes Village, Gold Coast (Queensland, Australia)

Period of construction: 2015-2017

Period of the Mapei intervention: 2015-2017

Design: Archipelago

Client: Queensland Government

Contractor: Grocon

Ceramic installation company: Saba Bros Tiling Pty Ltd

Project manager: Steven Grimes

Mapei coordinator: Dyorn Taylor, Mapei Australia

MAPEI PRODUCTS

Preparing the substrates: Planicrete SP*

Installing soundproofing mat: Ultrabond Eco V4 SP

Waterproofing substrates: Mapelastic Smart

Installing ceramics and mosaics: Kerapoxy, Keraflex, Keraquick, Keracolor FF, Ultramastic III, Ultracolor Plus

*This product is distributed in Australia by Mapei Australia.

For further information on products see www.mapei.com.au and www.mapei.com

In the wet areas, screeds were installed using PLANICRETE SP, a multipurpose latex additive distributed by Mapei Australia and mixed with cement and sand, and KERAFLEX cementitious adhesive was used for installing the white ceramic tiles on both walls and floors. Joints were grouted using KERAPOXY two-component, acid-resistant epoxy grout. In the swimming pools MAPELASTIC SMART cementitious mortar was applied to waterproof the substrates. 5 water tanks were waterproofed using MAPELASTIC SMART due to its excellent mechanical characteristics.