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SEPTEMBER 2020

Natare Australia Project Portfolio

In-depth case studies and images on modular
stainless steel pool systems

1 Findon Swim Centre





LOCATION

Findon, South Australia

CLIENT

Findon Swim Centre

CATEGORY

Construction

FEATURES

Natare Perimeter Gutter
System;
PVC Liner

Findon Swim School

Building a new swim school on a narrow site was a challenge of functionality and design.

The center offers a variety of swimming and fitness services to its clients so the design and functionality of the pool was of paramount importance to the owners. Budgetary and physical space limitations made the design and construction work challenging, however, the results speak for themselves.

Locating a balance tank and in-ground pipework for the 25 x 12m pool was troublesome. The build site was small so giving up valuable space for these features seemed uneconomical. A stainless steel perimeter recirculation system from [Natare Pool Systems](#) offered a unique solution combining both the functionality of water supply and return systems in a single gutter profile.

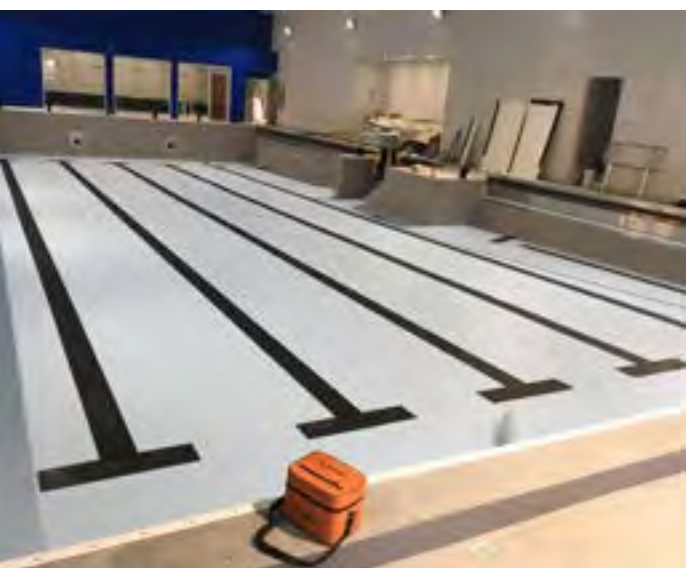
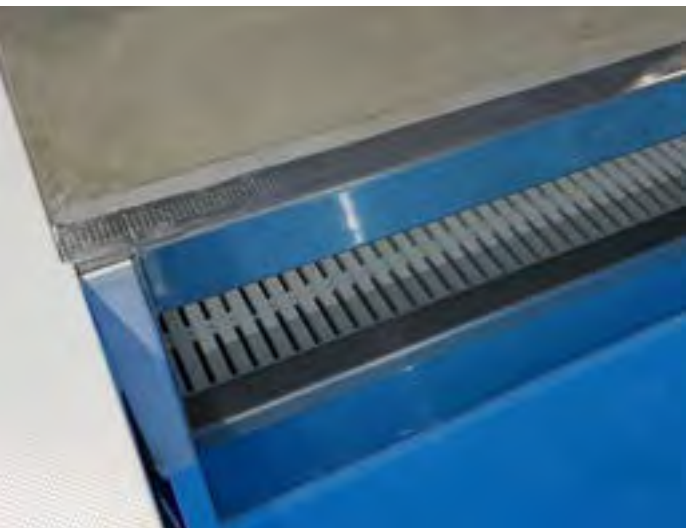
The custom designed and manufactured gutter has an in-pool surge storage system, eliminating the need for a balance tank altogether. This system has additional advantages which saves on tiling & coping and reduces the maintenance associated with traditional guttering systems

Natare guttering options are customizable to suit the individual project and can be used for both new pool construction projects like Findon, but are equally adaptable to renovation projects for older concrete pool structures.



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FINDON SWIM SCHOOL

The guttering also features a marine-grade polymer grating specifically designed to withstand the harsh environment of a commercial swimming pool, another fully customizable Natare product.

The finish of the Findon pool was another consideration where we felt cost savings could be developed for our client. A variety of finishes were explored and ultimately a high-quality PVC liner was selected. The Natatec lining system is specifically designed for commercial pool applications, having a Polyester Mesh core which reinforces the membrane and provides additional strength and resistance to tearing.

The flexible liner can be tailored to individual pools and has the ability to work with existing structures and features of a pool, such as stairs, inlets, drains and gutters. Line markings in a striking black were selected to give the pool a unique look and allow for both learn to swim and competition swimming to take place. The watertight system is smooth, nonporous and assists to prevent the growth of bacteria and algae making the cleaning of the pool easy and inexpensive.

An additional feature of the Findon pool is a hoist which allows users of any ability to use the pool



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2 Pridham Hall





LOCATION

Adelaide, South Australia

CLIENT

University of Adelaide

CATEGORY

Construction

FEATURES

Natare Stainless steel Pool System; Microflo Vacuum Sand Filter; PVC Membrane Liner.

Pridham Hall Swimming Pool

A multipurpose facility for University Students and the local community, Pridham Hall uniquely combines facilities for Graduations with a state of the art sports complex. The pool needed to be unique and bring the 'Wow Factor' to the inner city location.

The challenge of this inner-city building site and the basement level location of the pool meant that while a traditional concrete constructed pool was certainly possible, the benefits of using a prefabricated stainless steel option were impossible to ignore. Additional benefits were seen in the Automatic Surge Control and Microflo Vacuum Sand Filter options presented to the client.

The pool was manufactured in the Natare factory in Indianapolis, Indiana to exact specifications. The pool arrived in Adelaide in modular sections, allowing delivery on site to be faster and less disruptive to city traffic. Construction on site took only around 24 days in total.

The pool features a continuous perimeter reticulation system in-built in the gutter, this not only eliminated the need for buried pipework around the perimeter of the pool, it ensures there is a uniform distribution of clean, treated and heated water at all times.

Space in the stunning building was limited and finding a suitable location large enough to locate a surge or balance tank would have been problematic. The pool system designed by Natare has an Automatic Surge Control built into the Perimeter Guttering System.



University of
South Australia



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PRIDHAM HALL SWIMMING POOL

Automatic Surge Control Assemblies and Natatec® perimeter recirculating systems solve the problem of surge capacity and provide trouble free, efficient pool operation without the need for costly surge tanks. This also removes confined space entry and maintenance concerns associated with balance tanks.

The UniSA pool is the first Australian installation of the Natatec® Microflo Vacuum Sand Filter. These systems can remove particles smaller than traditional pressure sand filters, resulting in cleaner, clearer water. These systems also remove organic compounds from pool water that can cause eye irritation and poor sanitation.

Aesthetically the pool needed to fit into the urban, edgy environment of the building. We used the Natatec PVC membrane, with a strong mesh core specifically designed for commercial swimming pools in a brilliant aqua blue to complement the concrete and timber surrounds.

This system is superior to other pool finishes as it is completely watertight, reduces maintenance and helps prevent the growth of bacteria and algae. The flexibility of this product allowed us to laser cut the University logo in contrasting black, a dominant feature to pedestrians walking past. The accuracy and clarity of the logo would not have been possible with other pool lining systems. The finished pool in Pridham Hall is a testament to the functional and practical benefits that Natatec Stainless Steel swimming pools can provide.

We entered the Pridham Hall Pool in the 2019 Swimming Pool and Spa Association Awards where it was awarded Highly Commended in the Commercial Pool over \$250,000 category.



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3 Kalumburu





LOCATION

Kalumburu, Western Australia

CLIENT

Builder: Kimberly Green
Constructions

Pool Partner: MCH Solutions

CATEGORY

Construction

FEATURES

Natare Prefabricated Stainless
Steel Pool

Kalumburu Community Pool

A remote and special community required an equally special community pool. Collaboration was the key to success in this extraordinary project.

Located 3,670km from Perth the Indigenous community of Kalumburu is considered one of the most remote Aboriginal communities in Australia. The prefabricated stainless steel Natare pool allowed for rapid construction of the pool in the harsh Western Australian climate.

The challenging and unique outback terrain of the site coupled with the remoteness of the community ensured innovation and new ideas were explored to get the pool built quickly, while still ensuring the long term integrity of the structure and systems. Primary Contractor [Kimberley Green Constructions](#), [MCH Solutions](#), Hydrilla and [Natare Corporation](#) collaborated to create a pool which will satisfy all the conditions of the community and ensure they have a valuable community asset for a long time to come.

Fabricated in Indianapolis, Indiana, the bespoke pool made its way to Australia in 3 separate shipping containers. Once the pool reached the construction site a specialist team were able to efficiently weld the panels together on the pre-built concrete slab, to form a watertight structure. Made from corrosion-resistant and easily maintained stainless steel, the pool is strong with a system of supporting structural 'buttress' to ensure the pools stability with or without water. The strength of the stainless steel structure was an additional consideration in the cyclone prone region.



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KALUMBURU COMMUNITY POOL

The design of the facility features a main pool area, 25m x 6 lanes, as well as a smaller toddler pool with beach entry for inclusive access. A brightly coloured mushroom water feature provides additional enjoyment for the younger children in the community.

Time on site to construct the pool was 20 days and a further 7 days to finish the pool with water line tiles and commercial grade PVC Liner. This finish option was selected to ensure fewer issues with the pool finish. Unlike tiles the commercial grade liner is able to flex and move with the pool, a desirable quality in the harsh outback environment. Additionally the liner can be recycled when a replacement is fitted in the future.

The Kalumburu pool is managed by the Department of Communities and Royal Life Saving WA, it provides educational, health and social benefits to the residents of the Kimberley community.

For more details on Natara Pool Systems please see our information [[HERE](#)]. Further details on our work in Indigenous communities please see our white-paper [[HERE](#)]

Video of the completed pool can be viewed on our YouTube Channel [HERE](#)

QUICK FACT:

The Natara technology installed at Kalumburu is the same system used to build the world's largest rooftop infinity pool at the iconic Marina Bay Sands Resort in Singapore.



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4 Murray Bridge





LOCATION

Murray Bridge, South Australia

CLIENT

Murray Bridge Council

CATEGORY

Work in Progress
Redevelopment

FEATURES

Natare Pre-fabricated Gutter System, Microflo Filtration System, Commercial PVC liner

Murray Bridge Work in progress

The existing Olympic pool at the Murray Bridge Swimming Centre is currently being refurbished as Stage 1 of The Swimming Centre Master-plan*.

This pool renovation is utilizing Natare 316 grade Stainless Steel gutters with filtered water supply tube and reinforced PVC liner. The stainless steel perimeter system allows optimal surface skimming which is efficient and continuous, removing surface debris and keeps the pool water clean.

The refurbishment also includes a Natare MicroFlo® Filtration System. This high efficiency, large capacity filtration system offers economical, durable and high-quality water filtration. Uniquely designed flow-diversion screen and simplified operating controls take the guesswork out of water filtration.

This project is currently in construction with time-lapse footage allowing us to monitor progress on site. You can watch the Murray Bridge Council's video by clicking on the link below:



Click on the image above or visit: <https://youtu.be/QeNpzACLe98>



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HYDRILLA

6 Cord Street
Dudley Park SA 5008

PO Box 591
North Adelaide SA 5006

T 08 8169 9500
info@hydrilla.com.au

hydrilla.com.au

ABN 64 620 130 734