

CASE HISTORY

APRIL 2012



SOLUTIONS FOR EXTREME ENVIRONMENTS

POLYMER GROUP LTD

RHINO LININGS  
Armafloor 500

# SOUTHLAND AQUATIC CENTRE Decorative Non-slip Pool Surround

**PROJECT:** Splash Palace—Southland Aquatic Centre  
56 Elles Road, Invercargill

**Products:** Rhino Linings ArmaFloor 500 Polyaspartic flooring system with Armafloor 500 decorative Quartz.

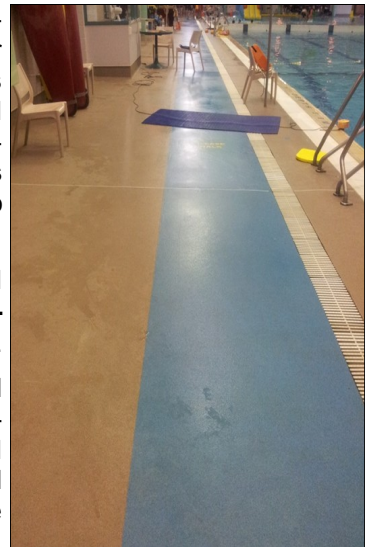
**Applicator:** Fibreglass Innovations Ltd

**Completion Date:** April 2012

Southland Aquatic Centre's Splash Palace pool surrounds were in need of repairs. With cracks in the floor and expansion joints that needed restoring the floors looked "tired". Although the pool floor surrounds needed to be repaired and coated the pool complex had to remain open for business. Gareth Dykes at Fibreglass Innovations/Rhino Linings Invercargill was asked to put together a solution.

Approximately 1800m<sup>2</sup> of swimming pool surrounds and bleachers was repaired and resurfaced using Rhino Linings ArmaFloor 500 Polyaspartic Quartz flooring system.

The floor surface was thoroughly cleaned, abraded and all cracks repaired. Rhino Linings ArmaFloor 500 system was laid in less than two weeks, after pool hours and put back into service the next day. The rapid cure and low odour ensured it could be put back into service quickly unlike other products.

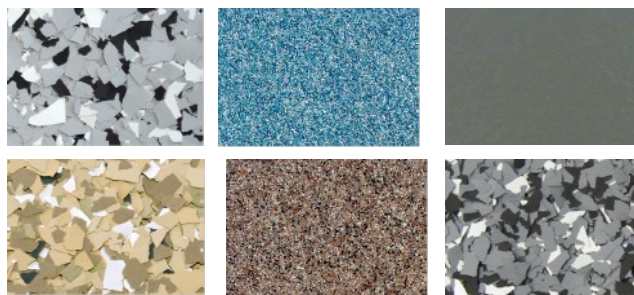


### Rhino Linings ArmaFloor 500 Polyaspartic floor benefits:

1. FAST CURE—several hundred square metres can be laid in a day/night.
2. DURABLE—typically 10 years under pedestrian traffic with a seal coat recommended after 5 years' service to maintain the coloured finish.
3. NON SLIP—Slip coefficient of 57 (wet pendulum method) and classification V—surpasses minimum non-slip requirement for swimming pool surrounds which is W (AS/NZS 4586 Wet Pendulum Test).
4. Rhino Linings ArmaFloor 500 Polyaspartic Quartz flooring system is very high solids and low odour.
5. DIRT RESISTANT—Rhino Linings ArmaFloor 500 Polyaspartic Quartz flooring system is non-porous and chemically resistant, and is easy to clean when following their recommended cleaning procedures.
6. Available in a range of colours and decorative finishes.

Rhino Linings ArmaFloor 500 Polyaspartic flooring system is an attractive, decorative floor surface available in quartz, flake or solid colour finishes:

**Quartz:** pepper frost, toffee, almond, amaretto, and Caribbean blue.  
**Flake:** charcoal grey, granite, sandstone and sunset.  
**Solid colours:** beige, grey and terracotta.



Other colours by request.

***Invercargill's  
Splash Palace pool  
floor surrounds  
were repaired and  
resurfaced without  
closing the pool  
complex.***



SOLUTIONS FOR EXTREME ENVIRONMENTS

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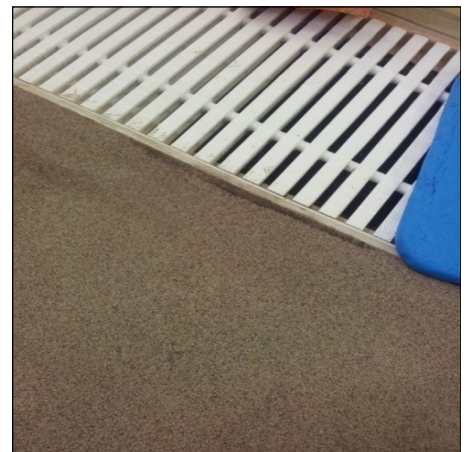
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- Endurathane Spray Applied Polyurea Membranes for secondary containment and tank linings.

- Jotun® Marine & Protective Coatings
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- Stirling Lloyd® Bridge Deck Waterproofing Systems