

BluCem HE80

WYLIE'S BATHS - VALVE PIPE REMEDIATION

Randwick City Council engaged Bluey Technologies and CF Group to reline an existing valve pipe, which is commonly used to drain the heritage listed public pool in Coogee, NSW. Due to the pool's proximity to the sea, works were undertaken in four-hour shifts using BluCem HE80, a high early strength, cementitious grout.

Project Completion: July 2020

Application

WHERE WE USED BLUCEM HE80

The contractor replaced the valve pipe that allows the Council to drain the pool, to clean it and carry out maintenance. The new valve pipe was grouted into place using HE80, providing a structural strength, capable of withstanding eight meter waves. Works took place on the inside and the outside of the seawall depending on the tide and size of the swell.

WHY WE USED BLUCEM HE80

BluCem HE80 was selected as the grout of choice as it has exceptionally high early strength development. This allows the grout to remain fluid during placement at low tide and ensures a solid, high-strength grout as the tide returns. Michael Pollard from CF Group mentioned that "the HE80 not only mixed easily but also penetrated into all of the voids of the structure very well. I'm really happy with the performance of the grout, especially in this difficult environment."

Features and Benefits

- Ultra rapid strength gain
- Highly flowable and pumpable
- Dual shrinkage control
- 100 year durability
- High strength.

Summary

Heritage listed repair projects such as the Wylie Baths are always important to get right as they make up part of Australia's recent history. Over a period of eight days the valve pipe was successfully replaced and using experienced contractors and engineered cementitious technology.

