

Repair of Concrete Blocks. Clifton Surf Club



The Clifton Surf Life Saving Club was built by first pouring footings, On the footings block walls were erected and then at a later date concrete was laid in between.

As the ground underneath the footings was sandy, wet most of the time and full of salts it was a recipe for disaster.

Figure 1 – Deterioration of Block Wall.

Predictably the salty water rose up through the footings and then through the blocks and where the water evaporated there was strong efflorescence, pitting, loss of material and damage.

The TecEco solution was to make up a formulation of eco-cement mortar which we doctored with some special chemicals to prevent the rise of any more moisture and salt.

The solution worked well and appears to have stopped the problem.

Figure 2 - Applying the Eco-Cement Mortar

Thanks to the Clifton Beach Surf Life Saving Club for the allowing letting TecEco solve their problem

