

REFURBISHMENT OF STADIUM SEATING SUPPORTS - NEWLANDS CRICKET STADIUM



Project Overview:

This project involves the systematic repair, cleaning, corrosion treatment, and repainting of metal seat support brackets (also called seat standards or risers) across sections of the stands at World Sports Betting Newlands Cricket Ground. The work includes temporary removal of plastic bucket seats, surface preparation of the steel frames, application of protective coatings, and preparation for reinstallation.

Images document multiple stages across different blocks (including Block A Lower and Block H), showing both degraded original supports and newly treated ones. The project forms part of broader ongoing maintenance and upgrade activity at the historic venue ahead of high-profile international fixtures and preparations linked to the 2027 ICC Cricket World Cup.



Specified Products & Scope of Works:

- Hydromet Rust Converter
- Hydro C5

Surface preparation:

Proper surface preparation is one of the most critical factors in the success and longevity of any paint coating system applied to steel. Regardless of the quality of the coating used, inadequate surface preparation can result in premature coating failure, corrosion, poor adhesion, blistering, peeling, and costly maintenance.

When surface preparation is undertaken using hand and mechanical abrasion methods, particular attention must be given to ensuring that the steel surface is clean, sound, and suitably profiled before painting begins.

Prior to the application of new paint coatings, all steel surfaces were thoroughly prepared using hand and mechanical abrasion methods. Existing corrosion, loose mill scale, deteriorated coatings, surface contaminants, and foreign matter were removed to provide a clean, sound, and suitably profiled substrate. Surface preparation was undertaken to ensure optimum coating adhesion, maximise corrosion resistance, and achieve the specified performance and durability requirements of the coating system. The prepared surfaces were inspected and found suitable for the application of the specified primer and finishing coats.





HYDRO C5 BENEFITS:

Hydro C5 is an innovative anti-corrosive coating is designed specifically for metal substrates to provide exceptional protection against corrosion while offering unmatched adhesion, flexibility, and durability.

Utilizing a unique self-crosslinking mechanism, this acrylic dispersion coating ensures optimal performance in various environmental conditions. Hydro C5 is classified as suitable for C5 environments according to ISO 12944-6, making it ideal for use in highly corrosive conditions such as coastal areas and industrial settings.