

CNI Site: Bulk Storage Facility



PERIMETER
SECURITY
MANUFACTURER

Lochrin Combi™ High Security Perimeter Fencing

Project:

CNI Bulk Storage Facility

Project Value:

£300 million

Product:

Lochrin High Security Combi™

Main Contractor:

Wates Construction

Installer:

Lowther Forestry Group

Project Summary

The technical team at Lochrin Bain were approached by an existing client looking to secure a new bulk storage centre located outwith their current secure facility. The global Defence, Aerospace and Security company having worked with Lochrin Bain on previous retro-fit and new build projects, instructed the design house and main contractor Wates Construction of their approved specification with the clients Security Manager opting for Lochrin Bain's patented High Security Combi™ fencing over a traditional Palisade or Mesh alternatives. Over 1.5 kilometres of 3.0 metre high fencing along with various CPNI rated Vehicle and Pedestrian gates were installed by Lowther Forestry Group's security fencing division working on behalf of Waites. For enhanced security, the FenceSecure Microphonic PID system from Harper Chalice was specified in conjunction with the Lochrin Combi™ host fence. This system is manufactured in the UK and approved for use on high security applications.

The Challenges

Due to the sites exposed coastal location, concerns were raised by the client regarding product lifespan and corrosion effects. To combat this, a specification was agreed incorporating specialist pre-treatment and coatings. After manufacturing all fence components at Lochrin Bain's factory, individual items were grit blasted to ensure additional micron coatings of zinc were achieved during the galvanizing process. The final treatment consisted of a specialist marine grade powder coated finish with the specific colour chosen to blend with the new buildings external cladding, while achieving the client's minimum 25 year design life request.

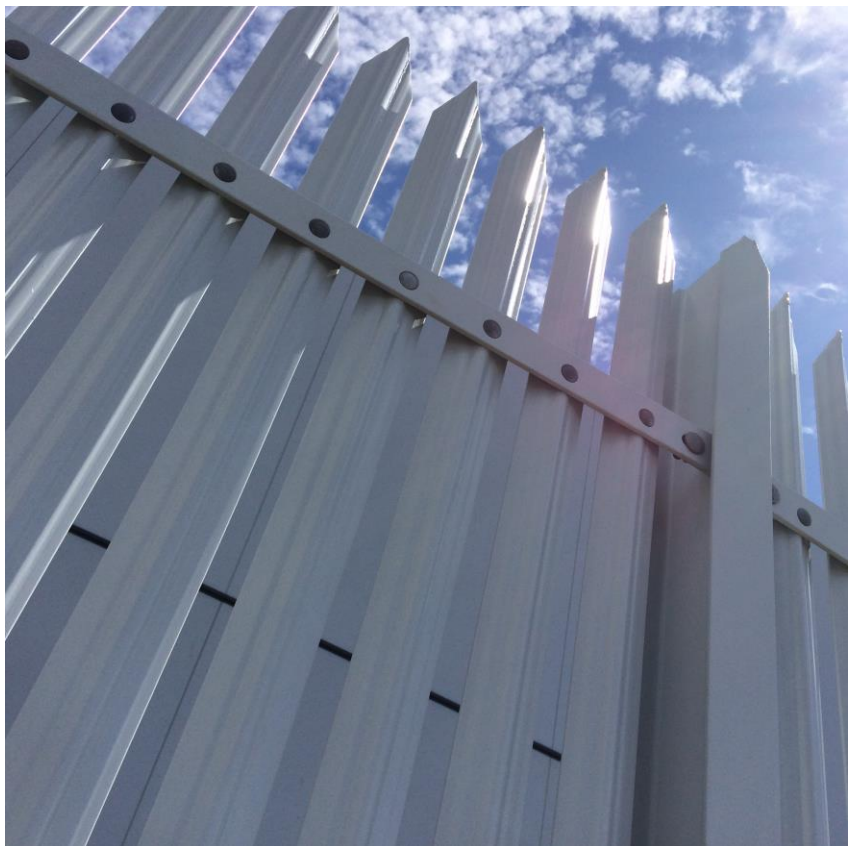
The Specification

The final fence design utilised a 26 pale High Security Combi™ system incorporating our patented 'Vee' slot with countersunk fixing. Unlike traditional Palisade fencing which can be easily compromised, Combi™ has gained several accreditations ranging from 'Secured By Design' the Police preferred initiative through to CPNI certification for use on CNI sites nationwide. A unique security solution.

The Results

Both main contractor and client were impressed with the Lochrin Combi™ High Security Palisade fencing system, and the installation by our approved contractor. Several new phases are currently under construction with design work on future projects in the pipeline. With proven performance on detection and false alarms the FenceSecure system is also performing very well and has been integrated into the site wide security management system.

Please contact the Lochrin Bain team for more information on our range of High Security Fencing Systems and Gates.



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