

High Containment by PBSC

Custom designs for the Ministry of Primary Industries



Science is critical to MPI

Building the new high-level biocontainment laboratory begins...

The Ministry of Primary Industries (MPI) has been around in some form since the late 1800's having a long and rich history in New Zealand and abroad. Providing policy and regulatory advice, market access and trade services, managing major regulatory systems for biosecurity, food safety, forestry, fisheries management and animal welfare.

High quality science and science evidence being a critical part in helping achieve New Zealand in being the world's most sustainable provider of high-value food and primary products.

Site preparation and groundworks started in 2015 and **PBSC** who are the leading manufacturer of clean room, high containment, personnel decontamination and material decontamination products around the world used their expertise to provide the custom designs needed for this project which finished early 2019.

PBSC in association with Merrick, Fletchers, Arcoplast and Biodecon Solutions provided unique, safe and proven decontamination solutions for the National Centre for Biosecurity and Infectious Diseases at Wallaceville, Upper Hutt New Zealand, replacing the existing high-containment lab. Meeting the stringent quality assurance and containment audits.

Products



- Glass Doors
- Dunk Tanks
- Barrier Hatches
- Inflatable Seal Doors

Solutions & Results

PBSC provided excellent containment solutions with project specific adaptations optimising PBSC's design for installation into the Arcoplast wall solutions, minimising visible fixings and showcasing PBSC's outstanding finish, cleanability and the highest airtight containment and excellent wear resistance.

The high-containment lab at Wallaceville tests infectious diseases that would have a serious effect on New Zealand, which is why PBSC meticulously engineered their product designs to meet and exceed international best practice.

"A show piece with exceptional functionality"

*There are no other labs in New Zealand built to the physical containment (PC) level needed to safely test serious infectious diseases.

The high-level biocontainment laboratory is a critical infrastructure to protect the health and well-being of New Zealand's population, animals and environment and PBSC's products, services and support has ensured this high containment facility's essential work carried out can be done more efficiently.



Jamie Davis - Owner of PBSC

“ I am proud to be part of the National Biocontainment Laboratory development which contains custom engineering containment solutions to interface with the Arcoplast wall paneling. We worked with some amazing consultants and contractors on this project with great results. ”

* Information taken from MPI National Biocontainment Laboratory Q&A document February 2016 - For more information visit www.mpi.govt.nz/new-lab

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