



Case Study

O Mahurangi Penlink

Project Overview

Waka Kohi are building a 7 kilometer bridge, connecting Stillwater with Whangaparoa on State Highway 1. A large intersection will be reconfigured and whilst this work is in progress protective hoardings have been erected.

The hoardings will be in place for approximately 18 months and O Mahurangi Penlink wanted to make this construction necessity into a visually vibrant feature that also involved the local community. They collaborated with over 320 people – students, children, artists, rangers, and guides from local schools, community groups, and a retirement village – to create a community mural. The mural was given the theme of Flora and Fauna by O Mahurangi Penlink iwi partners. The community stepped up to this creative challenge and created many beautiful and unique pieces.

Built by: O Mahurangi Penlink

Location: 570 Whangaparoa Road, Stanmore Bay

Visible Until: approx. Dec 25

saveBOARD Product [Multi Use](#) colour natural





Why was Multi Use Specified ?

Easy answer ! Toitūtanga ! (sustainability)

Natalie Cerna, Communications and Stakeholder Advisor, Aureon Group said “Waka Kotahi is committed to delivering environmental and social outcomes as part of the design, construction and operation of its infrastructure projects. saveBOARD products support our Sustainability Targets of reducing embodied carbon in core structural materials we use, increasing the use of materials with recycled content and diverting waste”. This hoarding fence diverted 1,152 kgs of waste from landfill.

Performance & Functionality

Multi Use has high performance bracing capability, meets the NZS6803:1999 construction acoustic requirements and can be left unpainted as an external hoarding for up to 2 years. If Multi Use is sealed, as it is in this instance, the boards can be expected to last up to 3 years.

Natalie remarks “this project is expected to take around 18 months. The Multi Use boards will last the duration and at the end of the project we will look to rehome the boards within the community, relocate, reuse or if need be, return to be manufactured into new boards”.

Cost and Added Value



Multi Use is cost comparable with a B grade H3.2 structural plywood however, the embodied carbon of Multi Use is approximately 50% less, is VOC and formaldehyde free and each sheet diverts approximately 32kgs of waste from New Zealand landfill. It's a Win/Win!



saveBOARD are absolutely delighted with this outstanding display of creativity and thank the 320 members of the community who contributed. We are proud to support sustainable initiatives by O Mahurangi Penlink and thank you for choosing saveBOARD. We looked forward to working with you again.