

Project Experience

Marine



Project Information

location	New Zealand
client	Sealink
project	Ferry refurbishment
date of project	December 2017
climatic conditions	Summer 26°C
substrate	Aluminium
surface preparation	SSPC-SP WJ-1/NACE WJ-1
system	MCU-Aluprime MCU-Alutopcoat

This ferry was only 18 months old and corrosion was present all over the vessel and actual holes evident in the centre tunnel section

Sealink chose to apply MCU-Coatings for various reasons:

- *its ability to be applied on a SSPC-SP WJ-1/NACE WJ-1 prepared surface without the need of grit blasting*
- *the ability for MCU-Aluprime to achieve 25Mpa adhesion on a 50-60µm profiled surface*
- *the coating's ability to be applied in high humidity*
- *the coating's rapid cure and need to complete the project in a short project time frame*
- *high impact and abrasion resistance; and*
- *ability that the coating has to flex with the aluminium skin as the ferry pounds its way through the ocean swell*