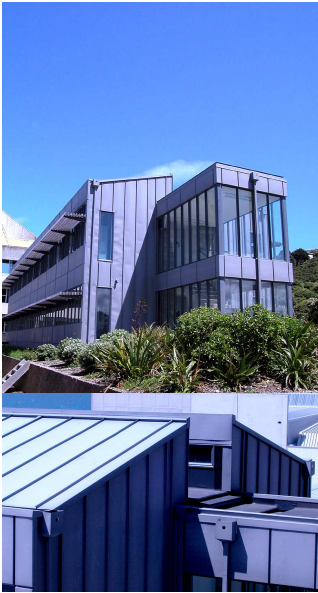


Case Study –NIWA Wellington



Situated on Oriental Parade, in Wellington, NIWA's office is positioned in a location that can only be classified as 'Severe Marine'. To counter the effects of the elements roofing and wall cladding systems had to be able to withstand the rigours of both the famous Wellington wind and the salt laden air.

Calder Stewart Eurotray® Angle Seam was chosen for both the roof and some sections of wall cladding as it offers a system with no exposed fastenings. The reduction in the number of penetrations minimizes the potential for leaks. Other areas of walls have a self draining, negative detail wall paneling system which is not reliant on sealants, as all water is channeled out of the building.

VM Quartz Zinc was chosen as the material for both roof and walls of this project.

VM Zinc has extremely good corrosion resistance because the metallic zinc surface reacts with the main constituents of the atmosphere, O², CO² and H²O to build a surface patina, which is mainly zinc hydrocarbonate. This layer is compact, adherent, insoluble in rainwater, and will hinder any further exchanges between oxygen and zinc, thereby controlling the corrosion rate of rolled zinc at a low level.

For more information on the use of Zinc see your nearest branch of Calder Stewart Roofing at any of the numbers below



Photos used Courtesy of Alan Blacklock, NIWA

Location: Wellington
 Profile: Eurotray® Angle Seam and Europanel
 Material: VM Quartz Zinc
 Architect: ArchHaus
 Builder: Holmes Consulting Group Ltd



Sales
0800 737 663



free fax order line
0800 273 766



Branch Address

Auckland
9 Neil Park Drive
East Tamaki
Phone (09) 271 0681
Fax (09) 271 0682

Milton
332 Union Street
Phone (03) 417 7245
Fax (03) 417 7283

Invercargill
120 Bond Street
Phone (03) 214 5544
Fax (03) 214 5577

Christchurch
127 Wrights Road
Phone (03) 338 0013
Fax (03) 338 0791

Dunedin
26 Fox Street
Phone (03) 479 0658
Fax (03) 455 4196

Cromwell
1 McNulty Road
Phone (03) 445 3303
Fax (03) 445 3304

Queenstown
PO Box 437
Phone (03) 442 2202
Fax (03) 442 2204