



SIKA AT WORK

WATER TREATMENT PLANT

FLOORING AND COATING

BUILDING TRUST



WATER TREATMENT PLANT, SAMOA



PRODUCT DESCRIPTION

The new Water Treatment plant in Vailima, Samoa required a protection coating. This coating would have to be suitable to hold drinking water, easy to flush/clean and protect from fungus and algae. Konoike Construction Co Ltd needed enough coating to line two gravel tanks, two sand filters, four sedimentation tanks and one reservoir.

PROJECT REQUIREMENT

- Good chemical and mechanical resistance coating
- Easy for local labour to use
- Non toxic - suitable for drinking water

CHALLENGES

The tropical environment which affected the substrate temperature, ambient temperature and also air humidity

PRODUCTS USED

Sikadur® Injectokit LV
Sikadur® Injectokit TH

Sikadur®-31 CF Normal
Sikagard®-720 EpoCem

SIKA SOLUTION
Sikagard®-62 (Sky blue)

PROJECT SIZE
600 units of Sikagard®-62

PROJECT PARTICIPANTS

Client: The Samoa Water Authority
Main Contractor: Konoike Construction Co.Ltd
Sika Contact: Dominic Sulisfianto