



Rhino Linings®

CASE STUDY

Category: Corrosion Protection
Project: Flux Tank, Galvanising Plant
Applicator: Rhino Linings Townsville
Rhino Products: RhinoChem 2170



Rhino Linings Townsville was contracted to coat the outside surface of this new flux tank prior to the placement of the tank within this large galvanising plant.

Flux tanks are used in the hot dip coating process for galvanising steel. Several tanks are filled with various chemicals to degrease, clean and coat the steel prior to being fully dried and eventually zinc coated.

This project consisted of preparation of the tank surface by blasting and priming with Rhino RL315 primer prior to the application of the chemically resistant Rhino polyurethane RhinoChem 2170.

RhinoChem 2170 was spray applied to a 4mm DFT thickness. The highly cross linked properties of this spray applied polyurethane membrane are extremely dense thereby providing superior surface protection against chemical attack. RhinoChem 2170 also has good elongation, allowing this protective membrane to flex with the flux tank movements.

RhinoChem 2170 is one of the many spray applied polyurethane (PU) or pure polyurea (PP) products that Rhino manufactures on the Gold Coast. Rhino Linings has been manufacturing those products since the late 1990's and is one of two manufacturing plants in the world wide Rhino Linings Corporation group of companies.



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