



Tank Pad Installation



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Rhino Linings PP1195 is a two component, rapid curing, elastomeric polyurea lining system. It is specifically formulated for extreme outdoor conditions where water, humidity or low temperatures may exist. Rhino PP1195 is a fast setting lining with superior hardness and elongation, high tensile strength, and excellent tear and abrasion resistance.

Category: Secondary Containment

Project: Tank Pads

Applicator: Rhino Linings Australasia

Rhino Products: Rhino PP1195

Secondary Containment Solution Reduces Operational Downtime at Tank Farms and Terminals

Tank farm and terminal site preparation and installation can take up to one more to complete. Rhino Linings coating interlocking tank pad system equips installations crews with a secondary containment system that sets up in a matter of days, reducing down time.

CHALLENGE

In the past, preparing a site for above ground storage tank placement included pea gravel installation or building a concrete base. While pea gravel appeared to be more cost effective, over time the gravel was inevitably exposed to leaks and spills, which resulted in the need for costly remediation. Installation crews are required to prepare the ground, construct the form, and pour concrete, which can often take one month to complete.

SOLUTION

Factory manufactured pads reduce this process to days. They are installed on minimally prepared ground, which reduces site preparation and start up costs. These interlocking tank pads are made from expanded polystyrene foam (EPS) coated with Rhino PP1195, which makes them portable, reusable and gives them a non-permeable surface that is easily cleaned. The manufactured tank pads are easily installed on levelled surfaces in minutes by a two-person crew, and a tank can be in place within hours.

RESULTS

The interlocking pad system coated with Rhino PP1195 allows installation crews to construct and decommission tank farms or terminals within a matter of days. Additionally, Rhino PP1195 ensures the secondary containment system is structurally sound and can withstand extreme weather conditions for years to come.



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