

Sea water discharge culvert - Abu Dhabi, UAE

POLYUREA

Client	Borouge Abu Dhabi
Consultant	Tebodin Middle East Ltd.
Contractor	Gogas / Granite Construction Co.
Coating Contractor	Petro Projects Group Est Abu Dhabi, UAE
Project Area	Sea water discharge culvert 11.000+ sq meters
Construction	February 2013
VIP System	QuickFill ME QuickPrime ME QuickSpray Industrial



Project Description

This seawater discharge culvert is located 250Km`s from Abu Dhabi at the Borouge Plastics plant. The culvert was leaking and seawater was permeating into the plant and causing corrosion of the plants pipes and infrastructure support systems. Long term structural damage was being done to the concrete culvert as well.

Being a major undertaking to rectify the problem a full plant shutdown was required. Long term rectification of the problem was the first priority however minimizing the shutdown time was also a high priority for the project engineers.

VIP Germany were approached in the early stages of the project to provide a solution that not only provided a long term fix for the concrete structure and the plant infrastructure but also a solution that minimized the shutdown time required.

VIP Approved Applicator – Petro Projects, prepared the concrete substrate and primed the concrete according to VIP`s specifications after which they spray applied VIP`s “QuickSpray Industrial” flexible membrane lining. Petro Projects completed the entire 11 000+ m2 project in 12 days.

Photographs are only for illustration pupose.

