

CASE STUDY

Bharat Oman Refinery

Bina, India (2011)

BACKGROUND

The Bina Refinery is located in the Sagar district of Madhya Pradesh state and owned and operated by Bharat Oman Refineries Limited (BORL). During construction of the reservoir the team noticed the water in Reservoir #1 was declining and subsequent investigations revealed that there were several leaks. In order to repair the leaks the team needed a waterproofing solution that could be applied to the positive side that would not hold up construction.

SOLUTION

The team used Kryton's Krystol T1 and T2 Waterproofing System to repair the leaks from the positive side. The joints were treated with Krystol T1, Krystol Bari-Cote and Krystol Plug and the entire reservoir received a coating of the Krystol T1 & T2 surface-applied waterproofing system. The solution saved the owners time and labour costs.

The water levels were tested after refilling and measurements were taken for three days to ensure there was no further water leakage. There was none and the project was a success.

The refinery currently outputs six million metric tons per year.

OWNER/DEVELOPER:

Bharat Oman Refinery

ENGINEER:

Engineers India Limited

CONTRACTOR:

GDC

APPLICATOR:

Sai G R Impex Pvt Ltd.

DISTRIBUTOR:

Sai G R Impex Pvt Ltd.

PRODUCTS:

Learn more at kryton.com

Krystol T1 & T2®

Krystol Plug™

Krystol Bari-Cote™



Repair work on the reservoir.



The reservoir was refilled after the repair work.