



Almatti Dam Repair Almatti (India)

CUSTOMER

KBJNL (Water resource Department)

SECTOR

Dam repairs

DATE: 2015

PRODUCTS

- Renderoc Hs Xtra
- Nitocote SN522
- Nitobond EP

THE PROJECT

The project involved in Almatti Dam was to stop the seepage of water through the section of the dam that was increased in height, and make the dam leakage proof.

THE SOLUTION

Loose debris was removed by mechanical means and with a high pressure water jet. Nitobond EP was applied, followed by Renderoc HS Xtra and cured for 28 days. Thereafter, water-repellent Nitocote SN522 was applied.

THE BENEFITS

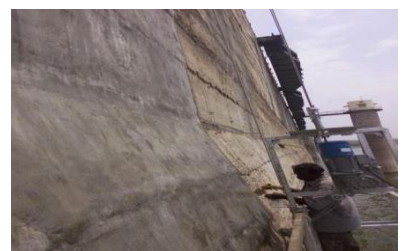
All honeycombs and voids in concrete were effectively filled and closed with Renderoc HS Xtra, that aided in effectively sealing the joint between the old dam portion and the extended portion above it, along the length of the entire dam.



Nitobond EP bonding agent applied on prepared substrate



Renderoc HS Xtra repair mortar application



After application